

Backshells

Non-QPL



Backshells

Within Amphenol's wide range of interconnect products is a full range of backshell hardware. Customers can take advantage of Amphenol's global synergy for connectors, backshells and cable harnessing in one place for all their interconnect needs. Plus, coming to Amphenol for a custom design of a backshell means that customers benefit from the vast amount of experience this global company has in designing interconnect solutions.

Amphenol Pcd

Connecting People & Technology

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HOW TO SELECT A BACKSHELL

1. Select the Backshell Type, pg. 7-8 (i.e. **Environmental backshell**)
2. Select Angle, pg. 9 (i.e. **90° angle**)
3. Select Coupling Style, pg. 9 (i.e. **Spin**)

In order to complete steps 4-7, you must know the connector specification. For example, we'll use connector D38999/26WB35PN to walk through the remaining steps of selecting a backshell.

4. Select Connector Group Code based on your connector specification, pg. 10-14 (i.e. **L**)
5. Go to Table of Contents, pg. 4-5, to find the page numbers your selection resides (i.e. **page 51-55**)
6. For the material and finish options, review Table-2 on pg. 15 (i.e. **Cadmium Olive Drab over Electroless Nickel**)
7. Build a part number based on the selections you made (i.e. **BE1ARL10029CWn page 54**)

Cross Reference

If you have a Military part number or other manufacturer's part number for which you are looking for an equivalent item, we have provided a cross-reference on our web link: <http://www.backshellworld.com/crossreference.aspx>

Customize

Backshells for Military & Aerospace applications are governed by SAE, AS85049 standard and Amphenol Backshells are designed to meet the requirement of this standard. Though this standard covers the most popular styles of backshells, many applications call for additional styles and designs. Here is where the capability of Amphenol can support you from the concept to product realization and thereby your unique specification need is satisfied.

Please visit our web link for further help: <http://www.backshellworld.com/customdesign.asp>

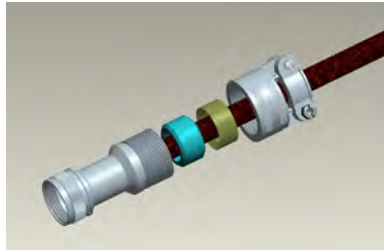
BACKSHELL TYPE

Amphenol Backshells are available in several different types, designed for optimum performance in the application or environment it will be used in. For example, in ground and naval applications, the robustness and environmental sealing may be more important, weight may be the prime consideration for Space and Aerospace applications. The following overview explains the various families of Amphenol Backshells with its applications. Some families of backshells shown here can be used without any additional protection. Some other types of backshells shown are generally used with heat shrink boots or similar protection/strain relief mechanisms depending upon the specific requirements. Also, there are some clamps & nuts for the applications where varying degrees of strain reliefs and cable holding will suffice and weight savings is of higher importance.



Non-Environmental Backshell

Effective cable holding mechanism with good strain relief when the environmental protection of the cable termination area is not a concern. Amphenol offers cost-effective solutions by eliminating extra sealing parts. Suitable for an inside-the-box/climate controlled room application where heavy cabling should be supported with adequate strain relief.



Environmental Backshell

Not only provide the cable support and strain relief, but ensure the cable sealing and environment protection by means of high quality sealing grommet and grommet follower. The strain relief nut is tightened, squeezing the grommet onto the cable jacket during assembly. Provides 6 feet water sealing protection when used with perfectly jacketed cable, and suitable for harsh environment applications.

*Example shown on pg. 6



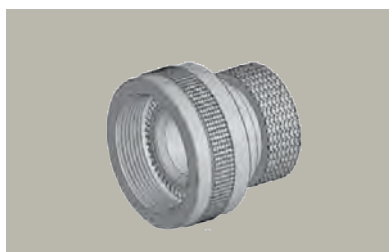
Non-Environmental EMI/RFI Backshell

Offering 360-degree electromagnetic and radio frequency noise isolation shielding in addition to standard features available with the Non-Environmental type. Available in straight, 90 degree and 45 degree varieties. Accommodates both individual and overall shielding.



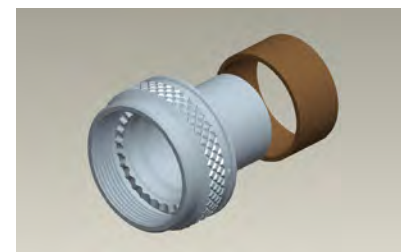
Environmental EMI/RFI Backshell

Ideal choice for heavy duty cabling solutions in harsh environments where electromagnetic and radio frequency noises are to be isolated. Accommodates both individual and overall shielding.



Shrink Boot Adapter

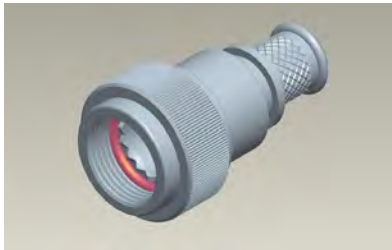
A good solution when the unshielded cables are terminated with heat shrink boots. It has a groove where the boot lip can be held which provides good grip apart from sufficient space inside for the cable looping. Using the heat shrink boot is one way of providing environmental protection and strain relief to cable termination. Using a suitable adapter is essential to ensure the repair ability.



Crimp Ring Adapter

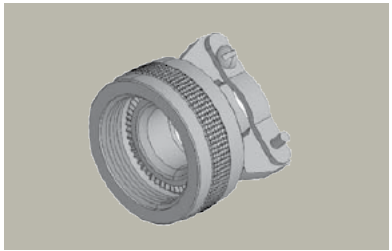
Many cable terminations where heat shrink boots are used; will require provision for terminating the screens, too. It is achieved in this type of backshell through a ring, which can be crimped to the backshell body holding the screens in between.

BACKSHELL TYPE



Band Lock Adapter

A high quality band will do the job with this backshell. Tempered bands are tightened over the shields, which are pulled over the banding area using a special assembly tool. Suitable over cover by heat shrink boot or some other method as chosen by the designer could be used. Both crimp ring and banded terminations give a low DC resistance.



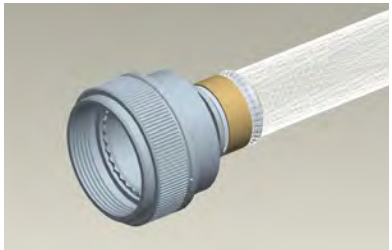
Strain Relief Clamps

If environmental protection is not a concern and weight savings is a major consideration this strain relief clamp is what you need. It secures and “tidys-up” the light/medium cable and also provides good strain relief at the termination area.



Quick Clamp

A light weight clamp used for securing and “tidying up” cable into a desired direction. Used in interior wiring of aircraft.



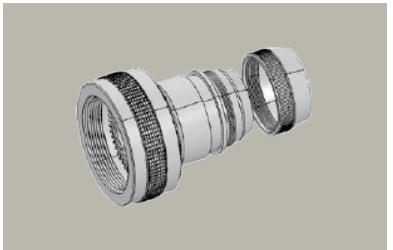
Pre-Shield Adapter

This adapter comes with a pre-cut braid that is fitted to the adapter for easy assembly. The braid overlaps with the cable braid. Effective shielding takes place due to the 360° contact of the braid. Designed to accept heat shrink boot. Ease of assembly saves time for cable termination.



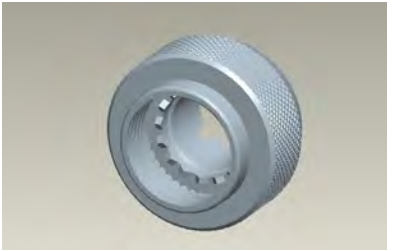
Lamp Thread Adapter

An adapter with threads similar to that in the lamp base for shield termination. An effective, easy and quick method of shield termination and field maintenance. Termination area can accept a nut as well as a clamp. The nut option enables the use of heat shrink boot and the clamp option will facilitate the strain relief clamping without heat shrink boot after the shield/cable termination.



SQ Adapter

The SQ adapter is a cost-effective way to terminate the braid to the adapter. The braid is pulled over the conical shape to the rear end of the adapter and then tied. The end nut is tightened to ensure adequate grip for the shielding. A heat shrink boot can be used with this adapter as well.



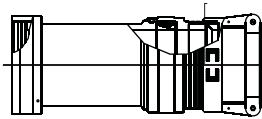
Grommet Nut

Provides a good grommet-holding force for the crimp connectors when expensive and heavy backshells are not used. Such holding force is essential to hold the contacts and grommet in place when terminated with wire bundles.

ANGLES/PROFILES & COUPLING STYLES

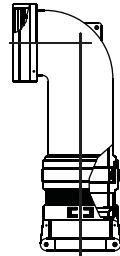
Angles/Profiles

Amphenol Backshells are available in three different angular profiles: straight, 90 degree and 45 degree. These profiles will meet most of the cable routing required in the interconnect market. We can also make additional profiles if required. Please go to the web link <http://www.backshellworld.com/customdesign.asp> to contact Amphenol about your specific backshell needs.



Straight Backshells

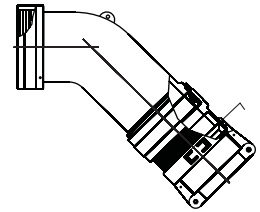
Available in different lengths and cable entry diameters for most applications. Different cable and braid terminating systems are also available as shown in the respective product sections.



90° Angled Backshells

Many applications require the cable to be bent and routed rather than straight routed. Amphenol offers a 90° angled style in all the backshell families for space saving and convenience.

*Example shown on pg. 6



45° Angled Backshells

Amphenol offers further design flexibility with a backshell that allows the cable to be routed 45° to the axis of the assembly.

Coupling Styles

Various coupling styles are available for the coupling between the backshell and the connector. Popular styles are shown in the respective backshell sections, and custom profiles can be designed. Please go to the web link <http://www.backshellworld.com/customdesign.asp> to contact Amphenol about your specific backshell needs.



Spin Coupling

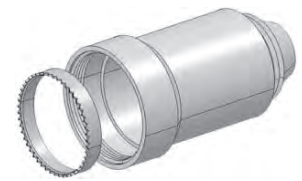
A captivated coupling nut within the backshell which provides the following advantages: Free rotation of the coupling nut making the assembly of the backshell to the connector easy without turning the entire backshell body. Lock wire holes are provided on the coupling nut to prevent accidental decoupling.

*Example shown on pg. 6



Self-Lock Coupling

Same as the Spin Coupling style with the additional feature of "self-locking." Internally locks the movement of the coupling nut so that accidental decoupling is prevented. Used in higher vibration conditions.



Direct Coupling

The coupling nut is eliminated in this design, and the backshell directly threads to the connector. For applications where simple direct connectivity is sufficient.

CONNECTOR GROUP CODE

Military Connector Specification	Series/ Class	Connector Group Code
40M38277		K
40M39569		J
BS9520	G0001	K
BS9520	G0002	K
BS9520	G0003	L
BS9522 F0001	Patt 602	J
BS9522 F0012	Patt 615	M
BS9522 F0017	Patt 105	N
BS9522 F0020	Patt 608	N
BS9522 F0029	Patt 616	K
BS9522 F0042		J
BS9522 N0001	Patt 603	N
BS9522 N0003	Patt 614	K
CECC 75201.001		J
CECC 75201.002		L
DEF 5326-3		J
EN 2997		J
EN 3645		L
EN 3646		J
EN 3372		M
ESC 10		J
ESC 11		J
JN1003		M
LN29504		J
LN29728		J
LN29729		M
MIL-C-81703	3	J
MIL-DTL-26482	2	J
MIL-DTL-38999	I	K
MIL-DTL-38999	II	K
MIL-DTL-38999	III	L
MIL-DTL-38999	IV	L
MIL-DTL-5015	MS340	J
MIL-DTL-5015	MS345	J
MIL-DTL-83723	I	J
MIL-DTL-83723	III	J
NAS 1599		J
NFC93422	HE302	J
NFC93422	HE306	M
NFC93422	HE308	K
NFC93422	HE309	K
NFL 54140		J
PAN 6432-1		J
PAN 6432-2		J
PAN 6433-1		K
PAN 6433-2		M
VG 96912	2	K
VG 96912	1	M

Military Connector Part Number	Specifications	Series/ Class	Connector Group Code
D38999/20	MIL-DTL-38999	III	L
D38999/24	MIL-DTL-38999	III	L
D38999/26	MIL-DTL-38999	III	L
D38999/40	MIL-DTL-38999	IV	L
D38999/42	MIL-DTL-38999	IV	L
D38999/46	MIL-DTL-38999	IV	L
D38999/47	MIL-DTL-38999	IV	L
M83723/01	MIL-DTL-83723	I	J
M83723/02	MIL-DTL-83723	I	J
M83723/03	MIL-DTL-83723	I	J
M83723/04	MIL-DTL-83723	I	J
M83723/05	MIL-DTL-83723	I	J
M83723/06	MIL-DTL-83723	I	J
M83723/07	MIL-DTL-83723	I	J
M83723/08	MIL-DTL-83723	I	J
M83723/13	MIL-DTL-83723	I	J
M83723/14	MIL-DTL-83723	I	J
M83723/36	MIL-DTL-83723	I	J
M83723/37	MIL-DTL-83723	I	J
M83723/38	MIL-DTL-83723	I	J
M83723/39	MIL-DTL-83723	I	J
M83723/40	MIL-DTL-83723	I	J
M83723/41	MIL-DTL-83723	I	J
M83723/42	MIL-DTL-83723	I	J
M83723/43	MIL-DTL-83723	I	J
M83723/48	MIL-DTL-83723	I	J
M83723/49	MIL-DTL-83723	I	J
M83723/65	MIL-DTL-83723	III	J
M83723/66	MIL-DTL-83723	III	J
M83723/67	MIL-DTL-83723	III	J
M83723/68	MIL-DTL-83723	III	J
M83723/69	MIL-DTL-83723	III	J
M83723/71	MIL-DTL-83723	III	J
M83723/72	MIL-DTL-83723	III	J
M83723/73	MIL-DTL-83723	III	J
M83723/74	MIL-DTL-83723	III	J
M83723/75	MIL-DTL-83723	III	J
M83723/76	MIL-DTL-83723	III	J
M83723/77	MIL-DTL-83723	III	J
M83723/78	MIL-DTL-83723	III	J
M83723/82	MIL-DTL-83723	III	J
M83723/83	MIL-DTL-83723	III	J
M83723/84	MIL-DTL-83723	III	J
M83723/85	MIL-DTL-83723	III	J
M83723/86	MIL-DTL-83723	III	J
M83723/87	MIL-DTL-83723	III	J
M83723/91	MIL-DTL-83723	III	J
M83723/92	MIL-DTL-83723	III	J
M83723/95	MIL-DTL-83723	III	J
M83723/96	MIL-DTL-83723	III	J

Military Connector Part Number	Specifications	Series/Class	Connector Group Code
M83723/97	MIL-DTL-83723	III	J
M83723/98	MIL-DTL-83723	III	J
MS27466	MIL-DTL-38999	I	K
MS27467	MIL-DTL-38999	I	K
MS27468	MIL-DTL-38999	I	K
MS27472	MIL-DTL-38999	II	K
MS27474	MIL-DTL-38999	II	K
MS27475	MIL-DTL-38999	II	K
MS27479	MIL-DTL-38999	II	K
MS27480	MIL-DTL-38999	II	K
MS27481	MIL-DTL-38999	II	K
MS27482	MIL-DTL-38999	II	K
MS27484	MIL-DTL-38999	II	K
MS27497	MIL-DTL-38999	II	K
MS27498	MIL-DTL-38999	I	K
MS27500	MIL-DTL-38999	II	K
MS27652	MIL-DTL-38999	I	K
MS27653	MIL-DTL-38999	I	K
MS27654	MIL-DTL-38999	I	K
MS27656	MIL-DTL-38999	I	K
MS27665	MIL-DTL-38999	I	K
MS3400	MIL-DTL-5015	MS340/MS245	J
MS3401	MIL-DTL-5015	MS340/MS245	J
MS3404	MIL-DTL-5015	MS340/MS245	J
MS3406	MIL-DTL-5015	MS340/MS245	J
MS3408	MIL-DTL-5015	MS340/MS245	J
MS3409	MIL-DTL-5015	MS340/MS245	J
MS3412	MIL-DTL-5015	MS340/MS245	J
MS3424	MIL-C-81703	3	J
MS3446	MIL-C-81703	3	J
MS3450	MIL-DTL-5015	MS340/MS345	J
MS3451	MIL-DTL-5015	MS340/MS345	J
MS3454	MIL-DTL-5015	MS340/MS345	J
MS3456	MIL-DTL-5015	MS340/MS345	J
MS3459	MIL-DTL-5015	MS340/MS345	J
MS3464	MIL-C-81703	3	J
MS3467	MIL-C-81703	3	J
MS3468	MIL-C-81703	3	J
MS3470	MIL-DTL-26482	2	J
MS3471	MIL-DTL-26482	2	J
MS3472	MIL-DTL-26482	2	J
MS3474	MIL-DTL-26482	2	J
MS3475	MIL-DTL-26482	2	J
MS3476	MIL-DTL-26482	2	J
NAS1599	MIL-C-81703	3	J

Military Connector Part Number	Specifications	Series/Class	Connector Group Code
NAS1641	MIL-C-81703	3	J
NAS1642	MIL-C-81703	3	J
NAS1643	MIL-C-81703	3	J
NAS1650	MIL-C-81703	3	J
NAS1651	MIL-C-81703	3	J
NAS1652	MIL-C-81703	3	J
NAS1653	MIL-C-81703	3	J
NAS1692	MIL-C-81703	3	J
NAS1693	MIL-C-81703	3	J
NAS1694	MIL-C-81703	3	J
NAS1699	MIL-C-81703	3	J
NAS1700	MIL-C-81703	3	J
NAS1701	MIL-C-81703	3	J
NAS1702	MIL-C-81703	3	J
NATC00	SSQ21635		L
NATC06	SSQ21635		L
NATC07	SSQ21635		L
NB4	40M39569		J
NB6	40M39569		J
NB6G	40M39569		J
NB7	40M39569		J
NBO	40M39569		J
NLS6	40M39569		K
NLS6G	40M39569		K
NLS7	40M39569		K
NLSO	40M39569		K

CONNECTOR GROUP CODE

Manufacturer Part Number	Manufacturer	Connector Group Code	Manufacturer Part Number	Manufacturer	Connector Group Code
10-475	Amphenol/ Bendix/ Socapex/ Pyle	K	AE83	Aero-Electric	J
118	Amphenol/ Bendix/ Socapex/ Pyle	J	AFD	Deutsch	J
162GB	Amphenol/ Bendix/ Socapex/ Pyle	N	AFD5	Deutsch	J
2PSN	Plessey Connector	N	AFE	Deutsch	J
381	Deutsch	J	B	Amphenol/ Bendix/ Socapex/ Pyle	J
418-1	Amphenol/ Bendix/ Socapex/ Pyle	K	BE	Amphenol/ Bendix/ Socapex/ Pyle	J
418-2	Amphenol/ Bendix/ Socapex/ Pyle	K	BL	Flight Connector	L
418-5	Amphenol/ Bendix/ Socapex/ Pyle	M	BT	Amphenol/ Bendix/ Socapex/ Pyle	J
486	Amphenol/ Bendix/ Socapex/ Pyle	J	BY1	Amphenol/ Bendix/ Socapex/ Pyle	J
518	Amphenol/ Bendix/ Socapex/ Pyle	J	CGK	ITT Cannon	M
602GB	Amphenol/ Bendix/ Socapex/ Pyle	J	CN0930	TRW	J
62GB	Amphenol/ Bendix/ Socapex/ Pyle	N	CNO	G & H Technology	L
65	Glenair	L	CNO930	Labinal/ Cinch	J
652	Amphenol/ Bendix/ Socapex/ Pyle	J	CT	Burndy	K
66	Glenair	L	CT	Plessey Connector	K
711	Amphenol/ Bendix/ Socapex/ Pyle	J	CT-R	AB Electronics	K
801	Amphenol/ Bendix/ Socapex/ Pyle	J	CT-R	Plessey Connector	K
837	Deutsch	J	CV340	ITT Cannon	J
83723	Souriau	J	CV345	ITT Cannon	J
83730	Deutsch	J	D817	Deutsch	J
851	Souriau	N	DBA	Deutsch	J
8520	Souriau	J	DBA7	Deutsch	J
8525	Souriau	J	DBAS	Deutsch	J
8526	Souriau	J	DFE	Deutsch	J
853	Souriau	J	DIV4	Deutsch	L
8533	Souriau	J	DL	Deutsch	J
8534	Souriau	J	DL6	Deutsch	J
857	Souriau	J	DTS	Deutsch	L
89	Souriau	J	DVG	Deutsch	J
8D	Souriau	L	EA	Amphenol/ Bendix/ Socapex/ Pyle	J
8LT	Souriau	K	EB	Amphenol/ Bendix/ Socapex/ Pyle	J
8T	Souriau	M	EEG	Amphenol/ Bendix/ Socapex/ Pyle	J
91-483	Amphenol/ Bendix/ Socapex/ Pyle	K	ES	Amphenol/ Bendix/ Socapex/ Pyle	J
944	Matrix	J	ET	Amphenol/ Bendix/ Socapex/ Pyle	J
951	Deutsch	J	FDBA	Deutsch	J
951-50	Deutsch	J	FF	Deutsch	J
981	Matrix	J	FF	Flight Connector	J
983	Deutsch	J	FH	Flight Connector	J
991	Deutsch	J	HDJ	Deutsch	M
999.1	Deutsch	J	HTMF	ITT Cannon	J
ABJ	AB Electronics	K	JT	Amphenol/ Bendix/ Socapex/ Pyle	K
AE22	Aero-Electric	L	JT 3400	J-Tech	J
AE46	Aero-Electric	K	JT 3450	J-Tech	J
AE47	Aero-Electric	K	JT-R	FKI	K
AE48	Aero-Electric	K	JT-R	Teldix	K
AE49	Aero-Electric	K	JTVG 95234	J-Tech	J
AE55	Aero-Electric	J	JVS	Souriau	L
AE77	Aero-Electric	J	KJ	ITT Cannon	K
			KJA	ITT Cannon	L

Manufacturer Part Number	Manufacturer	Connector Group Code
KJAD/V4	ITT Cannon	L
KJL	ITT Cannon	K
KV-R	ITT Cannon	J
LJT	Amphenol/ Bendix/ Socapex/ Pyle	K
LS	Amphenol/ Bendix/ Socapex/ Pyle	J
LTT	FKI	K
MB1	Matrix	J
MB3	Matrix	J
MB9	Matrix	K
MD	Matrix	J
MF	ITT Cannon	J
MFG	ITT Cannon	J
MK 12	AB Electronics	N
MK 18	AB Electronics	N
MK 8	AB Electronics	N
MK12	Plessey Connector	N
MK25	Plessey Connector	K
MK38	Plessey Connector	K
MK8	Plessey Connector	N
ML94	Matrix	L
MQ3	Matrix	J
MT3	Matrix	J
MT93	Matrix	L
P5	Plessey Connector	N
PL	Deutsch	L
PT	ITT Cannon	N
PT33	FKI	N
PT33SE	FKI	N
PT44	FKI	N
PT44SE	FKI	N
PT55	FKI	N
PT55SE	FKI	N
PT77	FKI	N
PT77SE	FKI	N
PTG55	FKI	N
PTG55SE	FKI	N
PTS-DR	Amphenol/ Bendix/ Socapex/ Pyle	J
PT-SE	ITT Cannon	N
PV7	ITT Cannon	J
PVA	ITT Cannon	J
PV-G	ITT Cannon	J
PVJ	ITT Cannon	J
PV-S	ITT Cannon	J
PVW	ITT Cannon	J
PVX	ITT Cannon	J
RD1	Raychem	J
RR	Deutsch	J
RR20	Deutsch	J

Manufacturer Part Number	Manufacturer	Connector Group Code
RR50	Deutsch	J
RR70	Deutsch	J
RR70	Deutsch	J
SA	SAE	J
SJT	Amphenol/ Bendix/ Socapex/ Pyle	M
STT	FKI	M
STT	ITT Cannon	M
T3	Amphenol/ Bendix/ Socapex/ Pyle	L
TT	FKI	K
TT/TTPQ	ITT Cannon	K
TT/TTPQ	ITT Cannon	K
TV	Amphenol/ Bendix/ Socapex/ Pyle	L
TVP	FKI/ Bendix	L
TVRB	Amphenol/ Bendix/ Socapex/ Pyle	L
TVS	Amphenol/ Bendix/ Socapex/ Pyle	L
VTT	FKI	L

CONNECTOR GROUP CODE

Manufacturer's Part Number Prefix	Connector Group Code
AB Electronics	
ABJ	K
CT-R	K
MK 12	N
MK 18	N
MK 8	N
Aero-Electric	
AE22	L
AE46	K
AE47	K
AE48	K
AE49	K
AE55	J
AE77	J
AE83	J
Amphenol/ Bendix/ Socapex/ Pyle	
10-475	K
118	J
162GB	N
418-1	K
418-2	K
418-5	M
486	J
518	J
602GB	J
62GB	N
652	J
711	J
801	J
91-483	J
B	J
BE	J
BT	J
BY1	J
EA	J
EB	J
EEG	J
ES	J
ET	J
JT	K
LJT	K
LS	J
PTS-DR	J
SJT	M
T3	L
TV	L
TVRB	L
TVS	L

Burndy	
CT	K
Deutsch	
381	J
837	J
83730	J
RR70	J
RR70	J
FKI	
JT-R	K
LTT	K
PT33	N
PT33SE	N
PT44	N
PT44SE	N
PT55	N
PT55SE	N
PT77	N
PT77SE	N
PTG55	N
PTG55SE	N
STT	M
TT	K
VTT	L
TVP	L
Flight Connector	
BL	L
FF	J
FH	J
G & H Technology	
CNO	L
Glenair	
65	L
66	L
ITT Cannon	
CGK	M
CV340	J
CV345	J
HTMF	J
KJ	K
KJA	L
KJAD/V4	L
KJL	K
MB3	J
MB9	K
MD	J
ML94	L
MQ3	J
MT3	J
MT93	L

Plessey Connector	
2PSN	N
CT	K
CT-R	K
MK12	N
MK25	K
MK38	K
MK8	N
P5	N
Raychem	
RDI	J
Souriau	
83723	J
851	N
8520	J
8525	J
8526	J
853	J
8533	J
8534	J
857	J
89	J
8D	L
8LT	K
8ST	M
8T	K
JVS	L
Teldix	
JT-R	K
TRW/Cinch	
CN0930	J

MATERIALS & FINISHES

Amphenol offers adapters in the following standard finishes. The base material is aluminum alloy.

- Aluminum parts: As per ASTM B 211, 221, 209, 85, 26
- Steel parts: 300 series, as per AMS-QQ-S-763/ASTM A 582
- Elastomers: fluorosilicone, silicone
- Other parts: Suitable corrosion resistant material
- Nickel Aluminum (NiAl)-Bronze AMS-QQ-C-465

Backshell Plating Finishes (Table 2)				
Amphenol Designation	MIL Designation	Finish	Guiding Specifications/Requirements	RoHS
A	A	Anodized, Black*	To meet AS85049 Requirements	Yes
B		Anodized, Hard*	AMS-A-8625, Type-III, Class-1	Yes
L		Nickel, Bright	AMS-QQ-290, Class-1, Grade-F	Yes
M		Electroless Nickel	AMS-C-26074, Class-4, Grade-B	Yes
N	N	Electroless Nickel	To meet AS85049 Requirements	Yes
C		Cadmium, Bright	AMS-QQ-P-416, Type-I, Class-2	No
T		Cadmium, Bright	AMS-QQ-P-416, Type-1, Class 3	No
U		Cadmium Olive Drab	AMS-QQ-P-416, Type-II, Class-3	No
V		Cadmium Olive Drab over Electroless Nickel	AMS-QQ-P-416, Type-II, Class-3 (Cadmium); AMS-C-26074, Class-4, Grade-B (Nickel)	No
W	W	Cadmium Olive Drab over Electroless Nickel	To meet AS85049 Requirements	No
Y		Zinc-Cobalt, Dark Olive Drab	ASTM-B840	Yes
Z		Zinc-Cobalt, Black	ASTM-B840	Yes
ZN		Zinc Nickel (500 Hrs. Salt Spray)	ASTM-B841	Yes
TN		Nickel Fluorocarbon (500 Hrs. Salt Spray)		Yes
S		Passivate- Stainless Steel	AMS-QQ-P-35 or ASTM A 967	Yes
D		Nickel-Stainless Steel	AMS-QQ-290, Class-1, Grade-F	Yes
ST		Tin Plate-Stainless Steel	ASTM B 545 Type-1	Not Tested
E		Cadmium Olive Drab-Stainless Steel	AMS-QQ-P-416	No
F		Cadmium, Black- Stainless Steel	AMS-QQ-P-416	No
K		Unplated-Nickel Aluminum-Bronze		Yes

*Non Conductive coatings, not suitable for EMI applications.

Dust Cap Finishes (Pgs.28-34)			
Amphenol Designation	Finish	Guiding Specifications/Requirements	RoHS
A	Hard Anodic Black*	AMS-A-8625 TYPE III ASTM B117	Yes
SD	Zinc Nickel Black	ASTM B 841, Type D	Yes
F	Electroless Nickel	AMS-C-26074 Class 4, Grade B, ASTM-B-733, SC 2, Type II	Yes
W	Cadmium Olive drab Green	SAE-AMS-QQ-P-416	No
T	PTFE Nickel Plating	GMF-002, Type II, Class 1	Yes
EB	Cadmium Free Zn Co Green	ASTM B 840, Grade 6, Type D	Yes
FB	Cadmium Free Zn Co Black	ASTM B 840, Grade 6, Type D	Yes
CD	Passivation over stainless steel	SAE-AMS-QQ-P-35, Type VI	Yes
NB	Un-plated Marine Bronze		Yes

*Non Conductive coatings, not suitable for EMI applications.

ASSEMBLY TORQUE VALUE & STYLE 2 CONFIGURATION

Amphenol recommends the following torque values for its adapters while assembling them to the connectors. These values are based on the coupling thread strength specified in SAE-AS85049 standard.

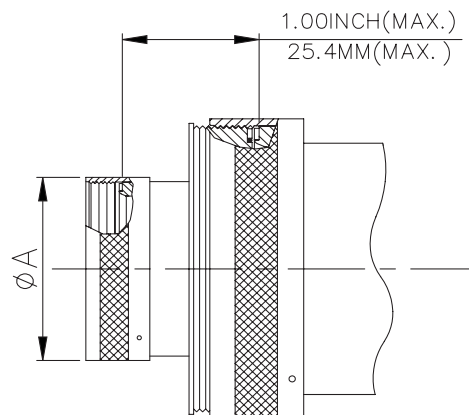
Assembly Torque Value	
Connector Shell Size	Torque (Inch-Pounds)
8,9	40
3, 10, 10SL, 11	40
7, 12, 12S, 13	40
14, 14S, 15	40
16, 16S, 17	40
18, 19, 27	40
20, 21, 37	80
22, 23	80
24, 25, 61	80
28	100
32	100
36	100
40	120
44	120
48	120

Torque Values for Cable Clamp Screw	
Screw Size	Torque (Inch-Pounds)
2-56	2 ± .5
4-40	4 ± .5
6-32	6 ± 1.0
8-32	8 ± 1.0
10-32	10 ± 1.0
.250-20	12 ± 1.0

*Recommended 75-80% of Values shown for installation

Style 2 Configuration

Some design consideration will require bigger diameter cable to be terminated in the smaller shell size connectors. Cable with heavy/thicker shielding, many wires for different branches/routing are some of the examples. Such cable termination will require a bigger adapter body with cable entry dimensions more than the connector rear side dimensions. Amphenol support this kind of applications too. The coupling end of the adapter will be modified to Style-2 design as shown in the figure in such cases. The overall length of the style-2 design adapters would be increased by approximately 1inch (25.4mm) as shown. This alternate design is applicable for all the 'Backshell Families' listed in this catalogue.



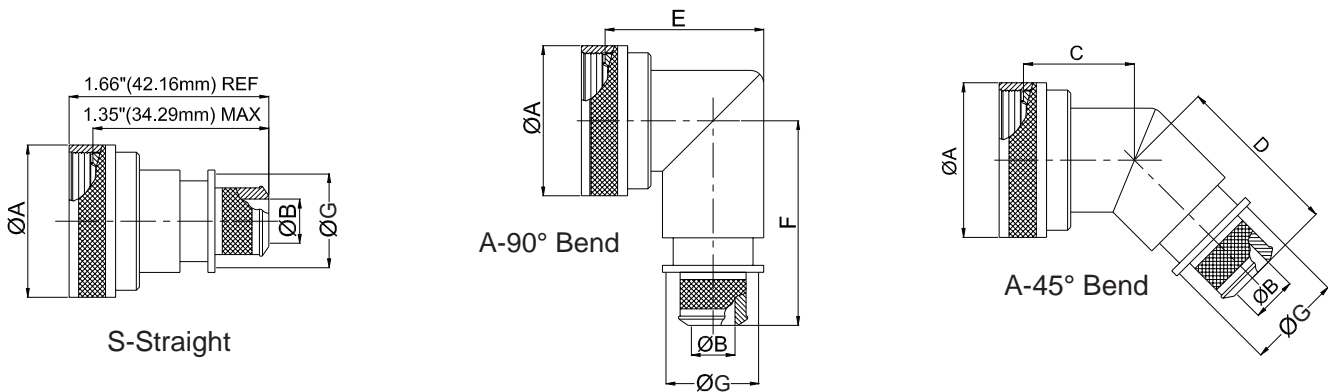
BAND LOCK ADAPTER

STRAIGHT; 90° & 45°

(Product Image see pg. 7-8)

Amphenol Part Number

BL1	S	R	J	14	01	9	X	W	B1
	Angle	Coupling				Length	Band		Boot
Series	S: Straight A: 90° B: 45°	R: Spin S: Self Lock	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	9: Standard length (Table A)	B: Band X: No Band	Finish (Table 2, pg. 15)	B1: Suitable Straight Boot (Optional) B2: Suitable 90° Boot



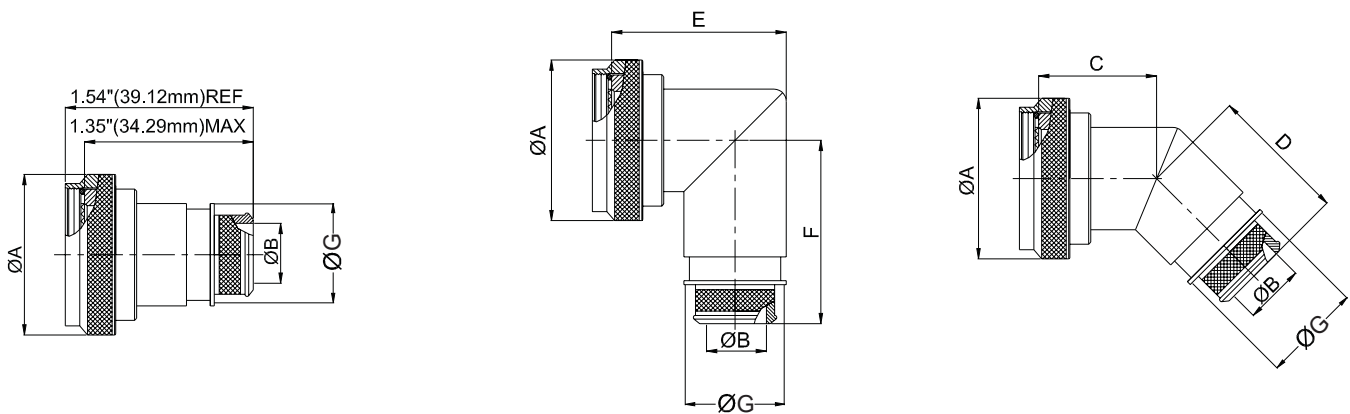
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B DIA.		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	+0.00	+0.00	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
					-0.02	-0.50										
08	01	8	0.89	22.48	N/A	N/A	0.87	22.10	1.16	29.46	1.19	30.18	1.42	35.99	N/A	N/A
	02				0.26	6.60									0.56	14.22
10	01	10	1.01	25.65	N/A	N/A	0.89	22.61	1.18	29.97	1.28	32.54	1.48	37.59	N/A	N/A
	02				0.32	8.13									0.63	16.00
12	01	7 / 12	1.14	28.83	0.32	8.13	0.92	23.37	1.20	30.48	1.41	35.71	1.54	39.17	0.63	16.00
	02				0.45	11.43									0.75	19.05
14	01	12 / 14	1.26	32.00	0.45	11.43	0.94	23.88	1.22	30.99	1.53	38.89	1.61	40.77	0.75	19.05
	02				0.57	14.48									0.89	22.61
16	01	19 / 16	1.39	35.18	0.51	12.95	0.96	24.38	1.25	31.75	1.66	42.06	1.67	42.34	0.82	20.83
	02				0.64	16.26									0.95	24.13
18	01	27 / 18	1.51	38.35	0.64	16.26	0.98	24.89	1.26	32.00	1.72	43.64	1.73	43.94	0.95	24.13
	02				0.76	19.30									1.07	27.18
20	01	37 / 20	1.64	41.53	0.64	16.26	1.00	25.40	1.29	32.77	1.84	46.84	1.79	45.52	0.95	24.13
	02				0.82	20.83									1.13	28.07
22	01	22	1.76	44.70	0.70	17.78	1.03	26.16	1.31	33.27	1.94	49.23	1.85	46.99	1.02	25.99
	02				0.95	24.13									1.26	32.00
24	01	24	1.89	47.88	0.76	19.30	1.05	26.67	1.34	34.04	2.09	53.16	1.92	48.69	1.07	27.18
	02				1.01	25.65									1.32	33.53
28	01	28	2.14	54.23	0.89	22.61	1.10	27.94	1.38	35.05	2.53	64.29	2.04	51.87	1.19	30.23
	02				1.14	28.96									1.47	37.34

BAND LOCK ADAPTER

STRAIGHT; 90° & 45°

Amphenol Part Number

BL1	S	R	K	14	01	9	X	W	B1
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length	Band	Finish (Table 2, pg. 15)	Boot
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				9: Standard length (Table A)	B: Band X: No Band		B1: Suitable Straight Boot (Optional) B2: Suitable 90° Boot

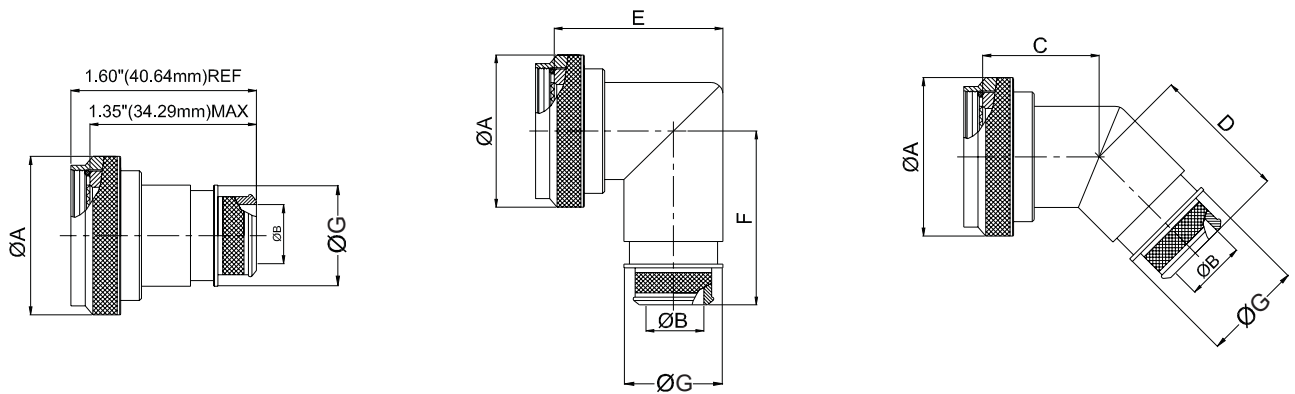


AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II / I	A DIA. (MAX)		B DIA.		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
			INCH	MM	+0.00 -0.02	+0.00 -0.50	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8 / 9	0.86	21.82	N/A	N/A	0.87	22.10	1.16	29.46	1.38	34.93	1.42	35.99	N/A	N/A
	02				0.26	6.60									0.56	14.22
10	01	10 / 11	0.99	25.04	N/A	N/A	0.90	22.86	1.19	30.23	1.44	36.50	1.48	37.59	N/A	N/A
	02				0.32	8.13									0.63	16.00
12	01	12 / 13	1.16	29.36	0.32	8.13	0.92	23.37	1.21	30.73	1.56	39.67	1.55	39.45	0.63	16.00
	02				0.45	11.43									0.75	19.05
14	01	14 / 15	1.28	32.54	0.45	11.43	0.95	24.13	1.24	31.50	1.69	42.85	1.61	41.00	0.75	19.05
	02				0.57	14.48									0.89	22.61
16	01	16 / 17	1.41	35.71	0.51	12.95	0.98	24.89	1.26	32.00	1.75	44.45	1.68	42.62	0.82	20.83
	02				0.64	16.26									0.95	24.13
18	01	18 / 19	1.52	38.51	0.64	16.26	0.98	24.89	1.27	32.26	1.88	47.63	1.73	44.02	0.95	24.13
	02				0.76	19.30									1.07	27.18
20	01	20 / 21	1.64	41.68	0.64	16.26	1.01	25.65	1.30	33.02	1.94	49.23	1.80	45.62	0.95	24.13
	02				0.82	20.83									1.13	28.07
22	01	22 / 23	1.77	44.86	0.70	17.78	1.04	26.42	1.33	33.78	2.06	52.37	1.86	47.22	1.02	25.99
	02				0.95	24.13									1.26	32.00
24	01	24 / 25	1.89	48.03	0.76	19.30	1.07	27.18	1.35	34.29	2.13	53.98	1.92	48.74	1.07	27.18
	02				1.01	25.65									1.32	33.53

STRAIGHT; 90° & 45°

Amphenol Part Number

BL1	A	S	L	10	02	9	B	N	B1
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length	Band	Finish (Table 2, pg. 15)	Boot
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				9: Standard length (Table A)	B: Band X: No Band		B1: Suitable Straight Boot (Optional) B2: Suitable 90° Boot



AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE	A DIA. (MAX)		B DIA.		C (MAX)		D (MAX)		E (MAX)		F (MAX.)		G (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	+0.00 -0.02	+0.00 -0.50	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	09 / A	0.86	21.82	N/A	N/A	1.01	25.65	1.16	29.46	1.38	34.93	1.42	35.99	N/A	N/A
	02				0.26	6.60									0.56	14.22
10	01	11 / B	0.99	25.04	N/A	N/A	1.03	26.16	1.19	30.23	1.44	36.50	1.48	37.59	N/A	N/A
	02				0.32	8.13									0.63	16.00
12	01	13 / C	1.16	29.36	0.32	8.13	1.06	26.92	1.21	30.73	1.56	39.67	1.55	39.45	0.63	16.00
	02				0.45	11.43									0.75	19.05
14	01	15 / D	1.28	32.54	0.45	11.43	1.08	27.43	1.24	31.50	1.69	42.85	1.61	41.00	0.75	19.05
	02				0.57	14.48									0.89	22.61
16	01	17 / E	1.41	35.71	0.51	12.95	1.11	28.19	1.26	32.00	1.75	44.45	1.68	42.62	0.82	20.83
	02				0.64	16.26									0.95	24.13
18	01	19 / F	1.52	38.51	0.64	16.26	1.12	28.45	1.27	32.26	1.88	47.63	1.77	45.03	0.95	24.13
	02				0.76	19.30									1.07	27.18
20	01	21 / G	1.64	41.68	0.64	16.26	1.15	29.21	1.30	33.02	1.94	49.23	1.80	45.62	0.95	24.13
	02				0.82	20.83									1.13	28.07
22	01	23 / H	1.77	44.86	0.70	17.78	1.17	29.72	1.33	33.78	2.06	52.37	1.86	47.22	1.02	25.99
	02				0.95	24.13									1.26	32.00
24	01	25 / J	1.89	48.03	0.76	19.30	1.20	30.48	1.35	34.29	2.13	53.98	1.92	48.74	1.07	27.18
	02				1.01	25.65									1.32	33.53

STRAIGHT; 90° & 45°

Amphenol Part Number

BL1	S	R	M	10	02	9	X	W	B1
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length	Band	Finish (Table 2, pg. 15)	Boot
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				9: Standard length (Table A)	B: Band X: No Band		B1: Suitable Straight Boot (Optional) B2: Suitable 90° Boot

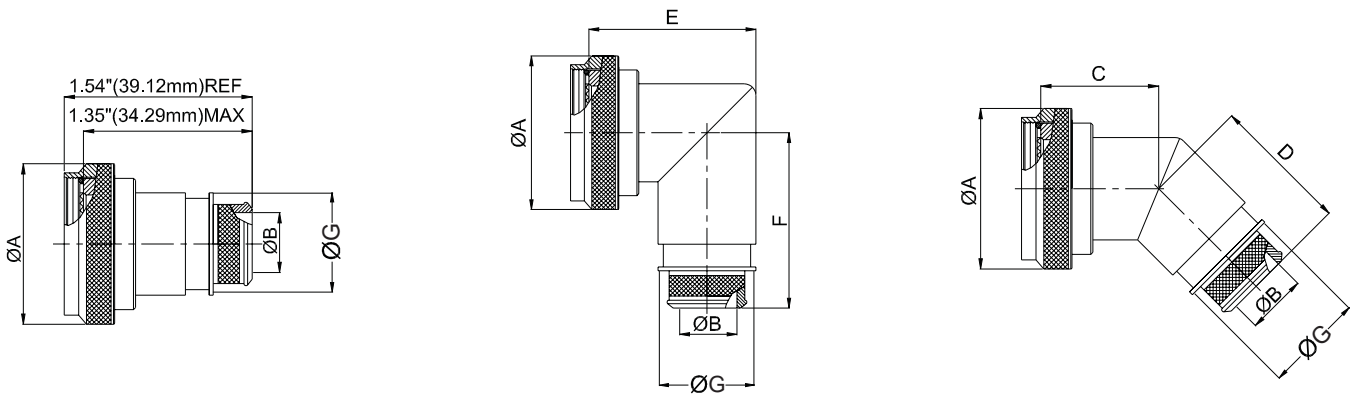


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B DIA.		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	+0.00 -0.02	+0.00 -0.50	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8 / 9	0.86	21.82	N/A	N/A	0.87	22.10	1.16	29.46	1.38	34.93	1.42	35.99	N/A	N/A
	02				0.26	6.60									0.56	14.22
10	01	10 / 11	0.99	25.04	N/A	N/A	0.90	22.86	1.19	30.23	1.44	36.50	1.48	37.59	N/A	N/A
	02				0.32	8.13									0.63	16.00
12	01	12 / 13	1.16	29.36	0.32	8.13	0.92	23.37	1.21	30.73	1.56	39.67	1.55	39.45	0.63	16.00
	02				0.45	11.43									0.75	19.05
14	01	14 / 15	1.28	32.54	0.45	11.43	0.95	24.13	1.24	31.50	1.69	42.85	1.61	41.00	0.75	19.05
	02				0.57	14.48									0.89	22.61
16	01	16 / 17	1.41	35.71	0.51	12.95	0.98	24.89	1.26	32.00	1.75	44.45	1.68	42.62	0.82	20.83
	02				0.64	16.26									0.95	24.13
18	01	18 / 19	1.52	38.51	0.64	16.26	0.98	24.89	1.27	32.26	1.88	47.63	1.73	44.02	0.95	24.13
	02				0.76	19.30									1.07	27.18
20	01	20 / 21	1.64	41.68	0.64	16.26	1.01	25.65	1.30	33.02	1.94	49.23	1.80	45.62	0.95	24.13
	02				0.82	20.83									1.13	28.07
22	01	22 / 23	1.77	44.86	0.70	17.78	1.04	26.42	1.33	33.78	2.06	52.37	1.86	47.22	1.02	25.99
	02				0.95	24.13									1.26	32.00
24	01	24 / 25	1.89	48.03	0.76	19.30	1.07	27.18	1.35	34.29	2.13	53.98	1.92	48.74	1.07	27.18
	02				1.01	25.65									1.32	33.53

STRAIGHT; 90° & 45°

Amphenol Part Number

BL1	A	S	N	20	02	9	B	W	B1
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length	Band	Finish (Table 2, pg. 15)	Boot
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				9: Standard length (Table A)	B: Band X: No Band		B1: Suitable Straight Boot (Optional) B2: Suitable 90° Boot

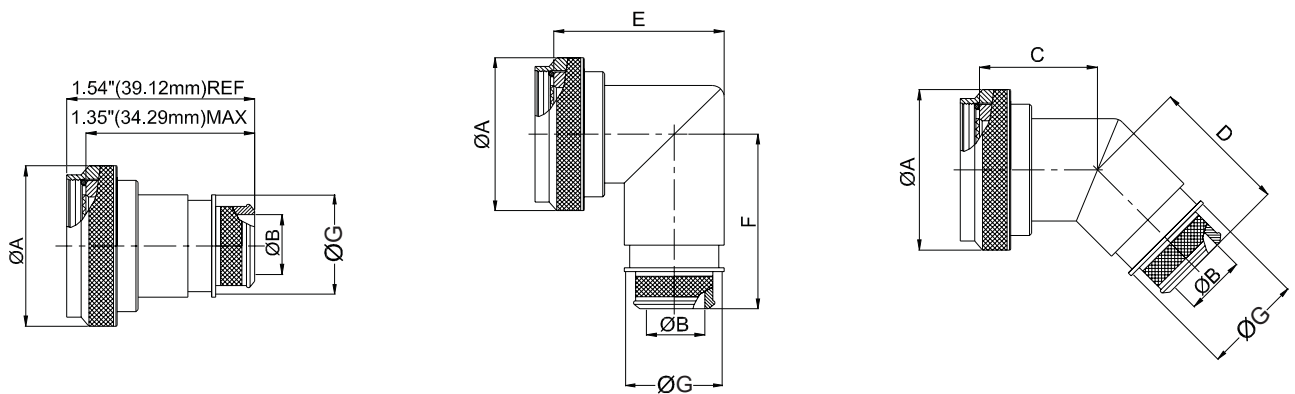


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B DIA.		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8 / 9	0.86	21.82	N/A	N/A	0.87	22.10	1.16	29.46	1.38	34.93	1.42	35.99	N/A	N/A
	02				0.26	6.60									0.56	14.22
10	01	10 / 11	0.99	25.04	N/A	N/A	0.90	22.86	1.19	30.23	1.44	36.50	1.48	37.59	N/A	N/A
	02				0.32	8.13									0.63	16.00
12	01	12 / 13	1.16	29.36	0.32	8.13	0.92	23.37	1.21	30.73	1.56	39.67	1.55	39.45	0.63	16.00
	02				0.45	11.43									0.75	19.05
14	01	14 / 15	1.28	32.54	0.45	11.43	0.95	24.13	1.24	31.50	1.69	42.85	1.61	41.00	0.75	19.05
	02				0.57	14.48									0.89	22.61
16	01	16 / 17	1.41	35.71	0.51	12.95	0.98	24.89	1.26	32.00	1.75	44.45	1.68	42.62	0.82	20.83
	02				0.64	16.26									0.95	24.13
18	01	18 / 19	1.52	38.51	0.64	16.26	0.98	24.89	1.27	32.26	1.88	47.63	1.73	44.02	0.95	24.13
	02				0.76	19.30									1.07	27.18
20	01	20 / 21	1.64	41.68	0.64	16.26	1.01	25.65	1.30	33.02	1.94	49.23	1.80	45.62	0.95	24.13
	02				0.82	20.83									1.13	28.07
22	01	22 / 23	1.77	44.86	0.70	17.78	1.04	26.42	1.33	33.78	2.06	52.37	1.86	47.22	1.02	25.99
	02				0.95	24.13									1.26	32.00
24	01	24 / 25	1.89	48.03	0.76	19.30	1.07	27.18	1.35	34.29	2.13	53.98	1.92	48.74	1.07	27.18
	02				1.01	25.65									1.32	33.53

STRAIGHT; 90° & 45°

Amphenol Part Number

BL011	X	X	X	99	99	9	X	X	14
Family Code	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length	Band	Finish (Table 2, pg. 15)	Single Piece Style-2
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock	J: MIL-DTL-5015 Crimp MIL-DTL-26482 Series II AA81703 Series III MIL-DTL-83723 Series III K: MIL-C-27599 Series I MIL-C-38999 Series I/II L: MIL-DTL-38999 Series III/IV			9: Standard length (Table A)	B: Band X: No Band		

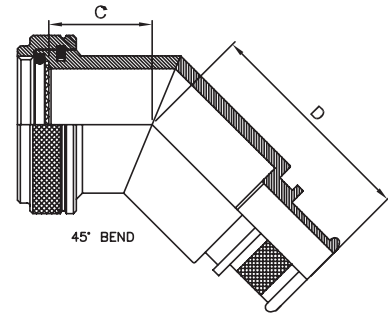
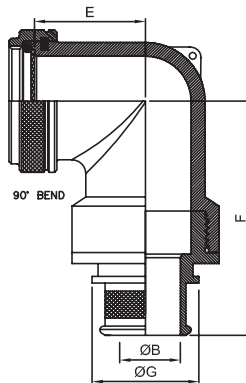
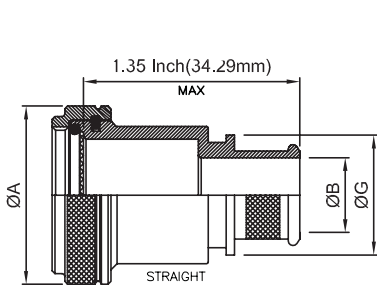


TABLE - A

SHELL SIZE DESIGNATOR	CONNECTOR SHELL SIZE/CODE	ØA MAX.		C MAX.		D MAX.		E MAX.		F MAX.	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8/8S	0.86	21.82	0.87	22.10	1.16	29.21	0.67	17.02	1.26	32.00
10	10/10S/10SL	0.99	25.04	0.89	22.61	1.18	29.72	0.76	19.30	1.98	50.29
12	12/12S	1.16	29.36	0.92	23.37	1.20	30.50	0.77	19.56	2.00	50.80
14	14/14S	1.28	32.54	0.94	23.88	1.22	31.25	0.87	22.10	2.07	52.58
16	16/16S	1.41	35.71	0.96	24.38	1.25	31.75	1.05	26.67	2.16	54.86
18	18	1.52	38.51	0.98	24.89	1.26	32.00	1.14	28.96	2.33	59.18
20	20	1.64	41.68	1.00	25.40	1.29	32.76	1.14	28.96	2.33	59.18
22	22	1.77	44.86	1.03	26.16	1.31	33.53	1.29	32.77	2.44	61.98
24	24	1.89	48.03	1.05	26.67	1.34	34.03	1.29	32.77	2.44	61.98

TABLE - B

ENTRY SIZE	ØB +0.010-0.020 (+0.25-0.50)		ØG +0.010-0.020 (+1.80-0.00)	
	INCH	MM	INCH	MM
01	0.13	3.18	0.31	7.92
02	0.19	4.78	0.37	9.50
03	0.25	6.35	0.44	11.10
04	0.31	7.92	0.50	12.70
05	0.38	9.53	0.56	14.27
06	0.44	11.13	0.62	15.85
07	0.50	12.70	0.69	17.45
08	0.56	14.27	0.75	19.05
09	0.63	15.88	0.81	20.62
10	0.69	17.48	0.87	22.20
11	0.75	19.05	0.94	23.80
12	0.81	20.62	1.00	25.40
13	0.88	22.23	1.06	26.97
14	0.94	23.83	1.12	28.55
15	1.00	25.40	1.19	30.15
16	1.06	26.97	1.25	31.75
17	1.13	28.58	1.31	33.32
18	1.25	31.75	1.44	36.50
19	1.38	34.93	1.56	39.67
20	1.50	38.10	1.69	42.85
21	1.63	41.28	1.81	46.02
22	1.75	44.45	1.94	49.20
23	1.88	47.63	2.06	52.37

CRIMP RING ADAPTER

STRAIGHT; 90° & 45°

(Product Image see pg. 7-8)

Amphenol Part Number

BC1	S	R	J	16	9	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (BC1 & BC2: Table A) (BC3: Table B)	X: Constant	Finish (BC1 & BC2: Table 2, pg. 8) X: For BC3
BC1: Adapter w/ Ring BC2: Adapter BC3: Ring	S: Straight A: 90° B: 45° X: BC3	R: Spin S: Self Lock X: For BC3	X: For BC3			

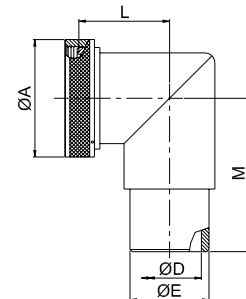
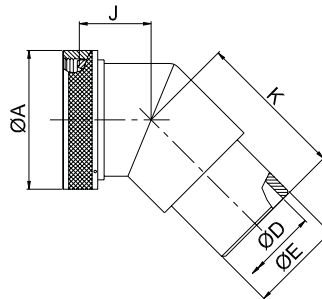
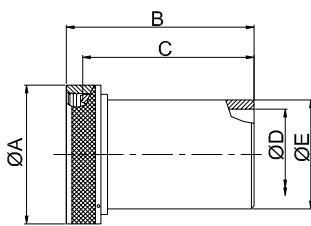


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	A DIA. (MAX)		B (MAX)		C (MAX)		D DIA. (MAX)		E DIA. (MAX)		J (MAX)		K (MAX)		L (MAX)		M (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8	0.62	15.67	1.28	32.44	0.96	24.38	0.25	6.35	0.35	8.81	0.64	16.23	0.70	17.83	0.75	19.05	0.81	20.62
10	10	0.73	18.64	1.28	32.44	0.96	24.38	0.33	8.26	0.50	12.70	0.66	16.87	0.73	18.59	0.81	20.62	0.88	22.23
12	7/12	0.86	21.79	1.28	32.44	0.96	24.38	0.42	10.67	0.51	12.95	0.69	17.48	1.04	26.42	0.88	22.23	1.22	30.99
14	12/14	0.98	24.99	1.28	32.44	0.96	24.38	0.54	13.72	0.63	16.00	0.71	17.91	1.07	27.18	0.92	23.37	1.29	32.77
16	19/16	1.11	28.24	1.28	32.44	0.96	24.38	0.67	17.02	0.76	19.30	0.73	18.59	1.09	27.69	0.98	24.89	1.35	34.29
18	27/18	1.22	30.94	1.28	32.44	0.96	24.38	0.79	20.04	0.89	22.61	0.75	19.00	1.10	27.94	1.02	25.91	1.37	34.80
20	37/20	1.35	34.16	1.28	32.44	0.96	24.38	0.91	23.22	1.01	25.65	0.77	19.63	1.12	28.45	1.08	27.43	1.43	36.32
22	22	1.47	37.29	1.28	32.44	0.96	24.38	1.04	26.39	1.13	28.70	0.80	20.32	1.16	29.46	1.14	28.96	1.51	38.35
24	24	1.59	40.46	1.28	32.44	0.96	24.38	1.11	28.24	1.20	30.48	0.82	20.90	1.19	30.23	1.20	30.48	1.58	40.13
28	28	1.97	50.01	1.44	36.55	0.96	24.38	1.39	35.28	1.56	39.62	-----	-----	-----	-----	-----	-----	-----	-----
32	32	2.22	56.36	1.44	36.55	0.96	24.38	1.64	41.53	1.81	45.97	-----	-----	-----	-----	-----	-----	-----	-----
36	36	2.47	62.71	1.44	36.55	0.96	24.38	1.85	46.99	2.06	52.32	-----	-----	-----	-----	-----	-----	-----	-----
40	40	2.72	69.06	1.44	36.55	0.96	24.38	2.07	52.45	2.31	58.67	-----	-----	-----	-----	-----	-----	-----	-----
44	44	2.97	75.41	1.44	36.55	0.96	24.38	2.32	58.93	2.56	65.02	-----	-----	-----	-----	-----	-----	-----	-----
48	48	3.22	81.76	1.44	36.55	0.96	24.38	2.57	65.28	2.81	71.37	-----	-----	-----	-----	-----	-----	-----	-----

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	X DIA.				Y DIA.				Z	
		MIN		MAX		MIN		MAX		INCH	MM
		INCH	MM	INCH	MM	INCH	MM	INCH	MM		
08	8	0.45	11.38	0.46	11.63	0.40	10.16	0.41	10.41	0.25	6.35
10	10	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
12	7/12	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
14	12/14	0.78	19.81	0.80	20.32	0.71	17.91	0.72	18.16	0.44	11.18
16	19/16	0.91	23.11	0.93	23.62	0.84	21.21	0.85	21.46	0.44	11.18
18	27/18	1.08	27.43	1.10	27.94	1.01	25.53	1.02	25.78	0.44	11.18
20	37/20	1.20	30.48	1.22	30.99	1.13	28.58	1.14	28.83	0.44	11.18
22	22	1.32	33.53	1.34	34.04	1.25	31.62	1.26	31.88	0.44	11.18
24	24	1.39	35.23	1.41	35.74	1.31	33.32	1.32	33.58	0.44	11.18
28	28	1.74	44.20	1.76	44.70	1.67	42.29	1.68	42.55	0.44	11.18
32	32	1.99	50.55	2.01	51.05	1.92	48.64	1.93	48.90	0.44	11.18
36	36	2.24	56.90	2.26	57.40	2.17	54.99	2.18	55.25	0.44	11.18
40	40	2.49	63.25	2.51	63.75	2.42	61.34	2.43	61.60	0.44	11.18
44	44	2.74	69.60	2.76	70.10	2.67	67.69	2.68	67.95	0.44	11.18
48	48	2.99	75.95	3.01	76.45	2.92	74.04	2.93	74.30	0.44	11.18

Materials: Copper as per ASTM B-75
Finish: Tin plating as per MIL-T-1027, Type 1

STRAIGHT; 90° & 45°

Amphenol Part Number

BC1	A	S	K	99	9	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (BC1 & BC2: Table A) (BC3: Table B)	X: Constant	Finish (BC1 & BC2: Table 2, pg. 8) X: For BC3
BC1: Adapter w/ Ring BC2: Adapter BC3: Ring	S: Straight A: 90° B: 45° X: BC3	R: Spin S: Self Lock X: For BC3	X: For BC3			

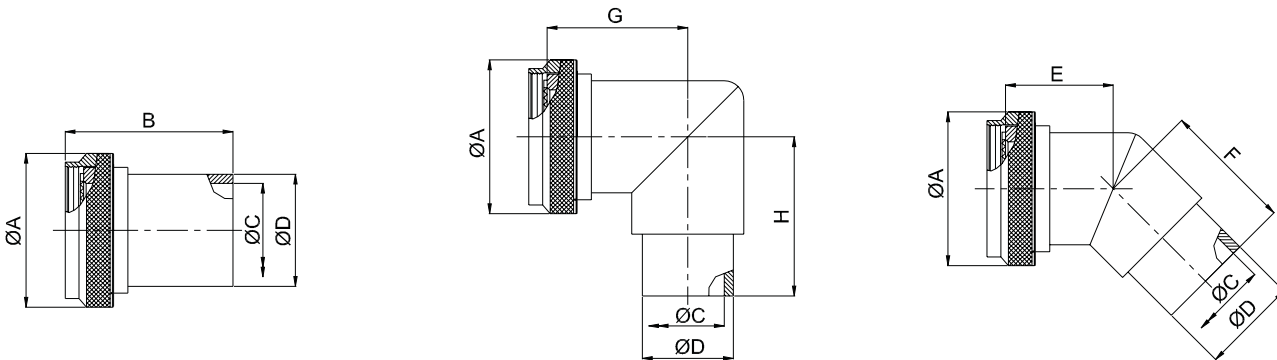
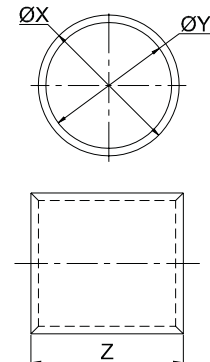


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE - II / I	A DIA. (MAX)		B (MAX)		C DIA. (MAX)		D DIA. (MAX)		E (MAX)		F (MAX)		G (MAX)		H (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	1.14	28.96	0.27	6.86	0.35	8.89	0.64	16.23	0.70	17.83	0.75	19.05	0.81	20.62
10	10 / 11	0.85	21.59	1.14	28.96	0.34	8.64	0.50	12.70	0.66	16.87	0.73	18.59	0.81	20.62	0.88	22.23
12	12 / 13	1.00	25.40	1.14	28.96	0.44	11.18	0.51	12.95	0.69	17.48	1.04	26.42	0.88	22.23	1.22	30.99
14	14 / 15	1.10	27.94	1.14	28.96	0.56	14.22	0.63	16.00	0.71	17.91	1.07	27.18	0.92	23.37	1.29	32.77
16	16 / 17	1.25	31.75	1.14	28.96	0.69	17.53	0.76	19.30	0.73	18.59	1.09	27.69	0.98	24.89	1.35	34.29
18	18 / 19	1.40	35.56	1.14	28.96	0.80	20.32	0.89	22.61	0.75	19.00	1.10	27.94	1.02	25.91	1.37	34.80
20	20 / 21	1.50	38.10	1.14	28.96	0.93	23.62	1.01	25.65	0.77	19.63	1.12	28.45	1.08	27.43	1.43	36.32
22	22 / 23	1.65	41.91	1.14	28.96	1.05	26.67	1.13	28.70	0.80	20.32	1.16	29.46	1.14	28.96	1.51	38.35
24	24 / 25	1.75	44.45	1.14	28.96	1.13	28.70	1.20	30.48	0.82	20.90	1.19	30.23	1.20	30.48	1.58	40.13

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	X DIA.				Y DIA.				Z	
		MIN		MAX		MIN		MAX		INCH	MM
		INCH	MM	INCH	MM	INCH	MM	INCH	MM		
08	8	0.45	11.38	0.46	11.63	0.40	10.16	0.41	10.41	0.25	6.35
10	10	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
12	7/12	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
14	12/14	0.78	19.81	0.80	20.32	0.71	17.91	0.72	18.16	0.44	11.18
16	19/16	0.91	23.11	0.93	23.62	0.84	21.21	0.85	21.46	0.44	11.18
18	27/18	1.08	27.43	1.10	27.94	1.01	25.53	1.02	25.78	0.44	11.18
20	37/20	1.20	30.48	1.22	30.99	1.13	28.58	1.14	28.83	0.44	11.18
22	22	1.32	33.53	1.34	34.04	1.25	31.62	1.26	31.88	0.44	11.18
24	24	1.39	35.23	1.41	35.74	1.31	33.32	1.32	33.58	0.44	11.18
28	28	1.74	44.20	1.76	44.70	1.67	42.29	1.68	42.55	0.44	11.18
32	32	1.99	50.55	2.01	51.05	1.92	48.64	1.93	48.90	0.44	11.18
36	36	2.24	56.90	2.26	57.40	2.17	54.99	2.18	55.25	0.44	11.18
40	40	2.49	63.25	2.51	63.75	2.42	61.34	2.43	61.60	0.44	11.18
44	44	2.74	69.60	2.76	70.10	2.67	67.69	2.68	67.95	0.44	11.18
48	48	2.99	75.95	3.01	76.45	2.92	74.04	2.93	74.30	0.44	11.18



Materials: Copper as per ASTM B-75
Finish: Tin plating as per MIL-T-1027, Type 1

CRIMP RING ADAPTER

STRAIGHT; 90° & 45°

Amphenol Part Number

BC1	B	S	L	14	9	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (BC1 & BC2: Table A) (BC3: Table B)	X: Constant	Finish (BC1 & BC2: Table 2, pg. 8) X: For BC3
BC1: Adapter w/ Ring BC2: Adapter BC3: Ring	S: Straight A: 90° B: 45° X: BC3	R: Spin S: Self Lock X: For BC3	X: For BC3			

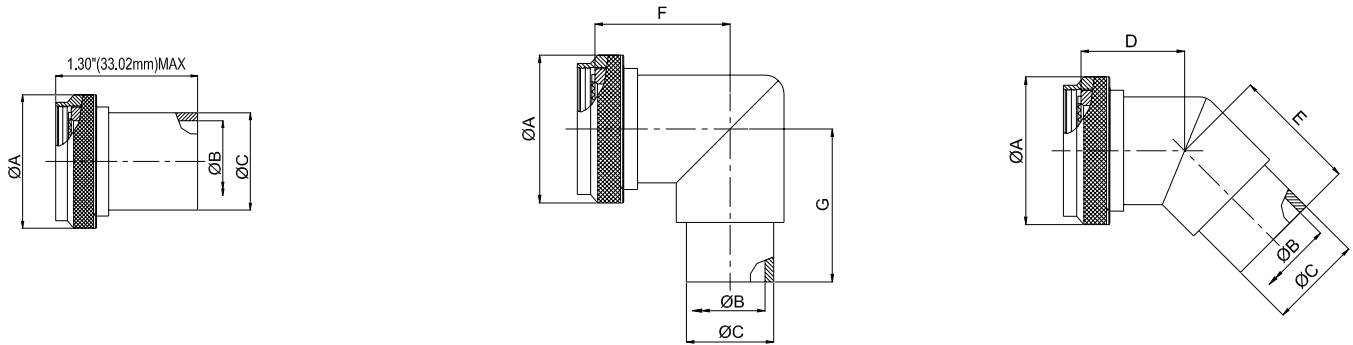
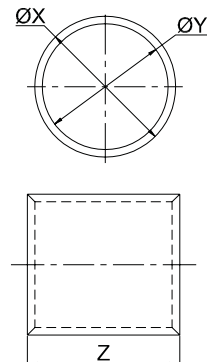


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/CODE (REF.)	A DIA. (MAX)		B DIA. (MIN)		C DIA. (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	09 / A	0.75	19.05	0.27	6.73	0.35	8.81	0.64	16.23	0.70	17.83	0.75	19.05	0.81	20.62
10	11 / B	0.85	21.59	0.34	8.71	0.50	12.65	0.66	16.87	0.73	18.59	0.81	20.62	0.88	22.23
12	13 / C	1.00	25.40	0.44	11.10	0.51	12.95	0.69	17.48	1.04	26.42	0.88	22.23	1.22	30.99
14	15 / D	1.10	27.94	0.56	14.27	0.63	16.00	0.71	17.91	1.07	27.18	0.92	23.37	1.29	32.77
16	17 / E	1.25	31.75	0.69	17.45	0.76	19.30	0.73	18.59	1.09	27.69	0.98	24.89	1.35	34.29
18	19 / F	1.40	35.56	0.81	20.62	0.89	22.61	0.75	19.00	1.10	27.94	1.02	25.91	1.37	34.80
20	21 / G	1.50	38.10	0.94	23.80	1.01	25.65	0.77	19.63	1.12	28.45	1.08	27.43	1.43	36.32
22	23 / H	1.65	41.91	1.05	26.57	1.13	28.70	0.80	20.32	1.16	29.46	1.14	28.96	1.51	38.35
24	25 / J	1.75	44.45	1.13	28.58	1.20	30.53	0.82	20.90	1.19	30.23	1.20	30.48	1.58	40.13

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	X DIA.				Y DIA.				Z	
DASH NO.	PART NO COLOR		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	INCH	MM
08	GREEN	8	0.45	11.38	0.46	11.63	0.40	10.16	0.41	10.41	0.25	6.35
10	RED	10	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
12	RED	7/12	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
14	BLUE	12/14	0.78	19.81	0.80	20.32	0.71	17.91	0.72	18.16	0.44	11.18
16	GRAY	19/16	0.91	23.11	0.93	23.62	0.84	21.21	0.85	21.46	0.44	11.18
18	BROWN	27/18	1.08	27.43	1.10	27.94	1.01	25.53	1.02	25.78	0.44	11.18
20	GREEN	37/20	1.20	30.48	1.22	30.99	1.13	28.58	1.14	28.83	0.44	11.18
22	PINK	22	1.32	33.53	1.34	34.04	1.25	31.62	1.26	31.88	0.44	11.18
24	YELLOW	24	1.39	35.23	1.41	35.74	1.31	33.32	1.32	33.58	0.44	11.18
28	RED	28	1.74	44.20	1.76	44.70	1.67	42.29	1.68	42.55	0.44	11.18
32	GRAY	32	1.99	50.55	2.01	51.05	1.92	48.64	1.93	48.90	0.44	11.18
36	GREEN	36	2.24	56.90	2.26	57.40	2.17	54.99	2.18	55.25	0.44	11.18
40	ORANGE	40	2.49	63.25	2.51	63.75	2.42	61.34	2.43	61.60	0.44	11.18
44	YELLOW	44	2.74	69.60	2.76	70.10	2.67	67.69	2.68	67.95	0.44	11.18
48	BLUE	48	2.99	75.95	3.01	76.45	2.92	74.04	2.93	74.30	0.44	11.18



Materials: Copper as per ASTM B-75
Finish: Tin plating as per MIL-T-1027, Type 1

STRAIGHT; 90° & 45°

Amphenol Part Number

BC3	X	X	X	16	9	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (BC1 & BC2: Table A) (BC3: Table B)	X: Constant	Finish (BC1 & BC2: Table 2, pg. 8) X: For BC3
BC1: Adapter w/ Ring BC2: Adapter BC3: Ring	S: Straight A: 90° B: 45° X: BC3	R: Spin S: Self Lock X: For BC3	X: For BC3			

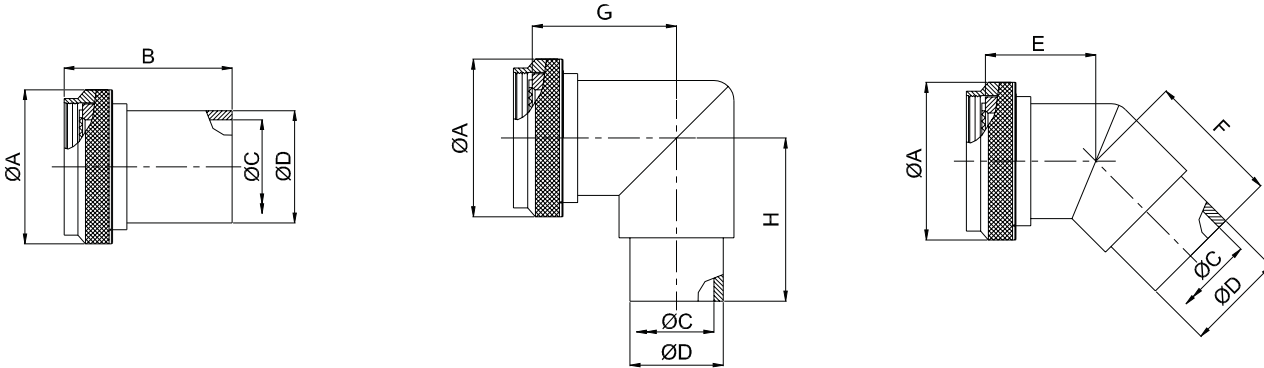
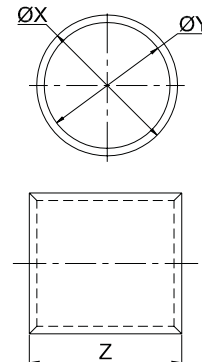


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C DIA. (MAX)		D DIA. (MAX)		E (MAX)		F (MAX)		G (MAX)		H (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	1.14	28.96	0.27	6.86	0.35	8.89	0.64	16.23	0.70	17.83	0.75	19.05	0.81	20.62
10	10 / 11	0.85	21.59	1.14	28.96	0.34	8.64	0.50	12.70	0.66	16.87	0.73	18.59	0.81	20.62	0.88	22.23
12	12 / 13	1.00	25.40	1.14	28.96	0.44	11.18	0.51	12.95	0.69	17.48	1.04	26.42	0.88	22.23	1.22	30.99
14	14 / 15	1.10	27.94	1.14	28.96	0.56	14.22	0.63	16.00	0.71	17.91	1.07	27.18	0.92	23.37	1.29	32.77
16	16 / 17	1.25	31.75	1.14	28.96	0.69	17.53	0.76	19.30	0.73	18.59	1.09	27.69	0.98	24.89	1.35	34.29
18	18 / 19	1.40	35.56	1.14	28.96	0.80	20.32	0.89	22.61	0.75	19.00	1.10	27.94	1.02	25.91	1.37	34.80
20	20 / 21	1.50	38.10	1.14	28.96	0.93	23.62	1.01	25.65	0.77	19.63	1.12	28.45	1.08	27.43	1.43	36.32
22	22 / 23	1.65	41.91	1.14	28.96	1.05	26.67	1.13	28.70	0.80	20.32	1.16	29.46	1.14	28.96	1.51	38.35
24	24 / 25	1.75	44.45	1.14	28.96	1.13	28.70	1.20	30.48	0.82	20.90	1.19	30.23	1.20	30.48	1.58	40.13

TABLE - B

DASH NO.	PART NO COLOR	CONNECTOR SHELL SIZE	X DIA.				Y DIA.				Z	
			MIN		MAX		MIN		MAX		INCH	MM
			INCH	MM	INCH	MM	INCH	MM	INCH	MM		
08	GREEN	8	0.45	11.38	0.46	11.63	0.40	10.16	0.41	10.41	0.25	6.35
10	RED	10	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
12	RED	7/12	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
14	BLUE	12/14	0.78	19.81	0.80	20.32	0.71	17.91	0.72	18.16	0.44	11.18
16	GRAY	19/16	0.91	23.11	0.93	23.62	0.84	21.21	0.85	21.46	0.44	11.18
18	BROWN	27/18	1.08	27.43	1.10	27.94	1.01	25.53	1.02	25.78	0.44	11.18
20	GREEN	37/20	1.20	30.48	1.22	30.99	1.13	28.58	1.14	28.83	0.44	11.18
22	PINK	22	1.32	33.53	1.34	34.04	1.25	31.62	1.26	31.88	0.44	11.18
24	YELLOW	24	1.39	35.23	1.41	35.74	1.31	33.32	1.32	33.58	0.44	11.18
28	RED	28	1.74	44.20	1.76	44.70	1.67	42.29	1.68	42.55	0.44	11.18
32	GRAY	32	1.99	50.55	2.01	51.05	1.92	48.64	1.93	48.90	0.44	11.18
36	GREEN	36	2.24	56.90	2.26	57.40	2.17	54.99	2.18	55.25	0.44	11.18
40	ORANGE	40	2.49	63.25	2.51	63.75	2.42	61.34	2.43	61.60	0.44	11.18
44	YELLOW	44	2.74	69.60	2.76	70.10	2.67	67.69	2.68	67.95	0.44	11.18
48	BLUE	48	2.99	75.95	3.01	76.45	2.92	74.04	2.93	74.30	0.44	11.18



Materials: Copper as per ASTM B-75
Finish: Tin plating as per MIL-T-1027, Type 1

CRIMP RING ADAPTER

STRAIGHT; 90° & 45°

Amphenol Part Number

BC1	B	R	N	10	9	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (BC1 & BC2: Table A) (BC3: Table B)	X: Constant	Finish (BC1 & BC2: Table 2, pg. 8) X: For BC3
BC1: Adapter w/ Ring BC2: Adapter BC3: Ring	S: Straight A: 90° B: 45° X: BC3	R: Spin S: Self Lock X: For BC3	X: For BC3			

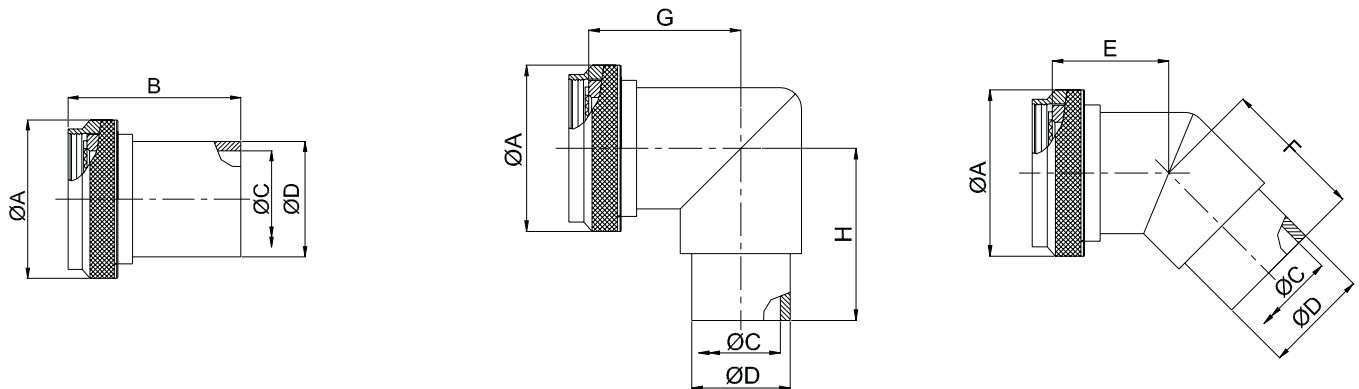
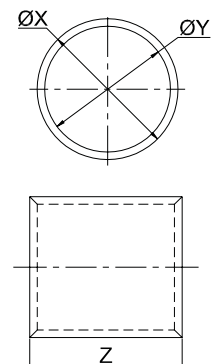


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C DIA. (MAX)		D DIA. (MAX)		E (MAX)		F (MAX)		G (MAX)		H (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	1.14	28.96	0.27	6.86	0.35	8.89	0.64	16.23	0.70	17.83	0.75	19.05	0.81	20.62
10	10 / 11	0.85	21.59	1.14	28.96	0.34	8.64	0.50	12.70	0.66	16.87	0.73	18.59	0.81	20.62	0.88	22.23
12	12 / 13	1.00	25.40	1.14	28.96	0.44	11.18	0.51	12.95	0.69	17.48	1.04	26.42	0.88	22.23	1.22	30.99
14	14 / 15	1.10	27.94	1.14	28.96	0.56	14.22	0.63	16.00	0.71	17.91	1.07	27.18	0.92	23.37	1.29	32.77
16	16 / 17	1.25	31.75	1.14	28.96	0.69	17.53	0.76	19.30	0.73	18.59	1.09	27.69	0.98	24.89	1.35	34.29
18	18 / 19	1.40	35.56	1.14	28.96	0.80	20.32	0.89	22.61	0.75	19.00	1.10	27.94	1.02	25.91	1.37	34.80
20	20 / 21	1.50	38.10	1.14	28.96	0.93	23.62	1.01	25.65	0.77	19.63	1.12	28.45	1.08	27.43	1.43	36.32
22	22 / 23	1.65	41.91	1.14	28.96	1.05	26.67	1.13	28.70	0.80	20.32	1.16	29.46	1.14	28.96	1.51	38.35
24	24 / 25	1.75	44.45	1.14	28.96	1.13	28.70	1.20	30.48	0.82	20.90	1.19	30.23	1.20	30.48	1.58	40.13

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	X DIA.				Y DIA.				Z	
		MIN		MAX		MIN		MAX		INCH	MM
		INCH	MM	INCH	MM	INCH	MM	INCH	MM		
08	8	0.45	11.38	0.46	11.63	0.40	10.16	0.41	10.41	0.25	6.35
10	10	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
12	7/12	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
14	12/14	0.78	19.81	0.80	20.32	0.71	17.91	0.72	18.16	0.44	11.18
16	19/16	0.91	23.11	0.93	23.62	0.84	21.21	0.85	21.46	0.44	11.18
18	27/18	1.08	27.43	1.10	27.94	1.01	25.53	1.02	25.78	0.44	11.18
20	37/20	1.20	30.48	1.22	30.99	1.13	28.58	1.14	28.83	0.44	11.18
22	22	1.32	33.53	1.34	34.04	1.25	31.62	1.26	31.88	0.44	11.18
24	24	1.39	35.23	1.41	35.74	1.31	33.32	1.32	33.58	0.44	11.18
28	28	1.74	44.20	1.76	44.70	1.67	42.29	1.68	42.55	0.44	11.18
32	32	1.99	50.55	2.01	51.05	1.92	48.64	1.93	48.90	0.44	11.18
36	36	2.24	56.90	2.26	57.40	2.17	54.99	2.18	55.25	0.44	11.18
40	40	2.49	63.25	2.51	63.75	2.42	61.34	2.43	61.60	0.44	11.18
44	44	2.74	69.60	2.76	70.10	2.67	67.69	2.68	67.95	0.44	11.18
48	48	2.99	75.95	3.01	76.45	2.92	74.04	2.93	74.30	0.44	11.18



Materials: Copper as per ASTM B-75
Finish: Tin plating as per MIL-T-1027, Type 1

DUST CAP PLUG/RECEPTACLE ORDERING INFO

TABLE B

Dash #	Inner Dia. +/-0.30
00	No Eyelet
01	3.60
02	4.60
03	4.90
04	5.00
05	4.20
06	3.20
07	5.50
09	4.00

TABLE C

Dash #	Inner Dia. +/-0.30
50	10.8
52	12.3
54	16.3
56	19.1
58	22.6
60	25.8
62	27.8
64	28.7
66	31.8
68	34.3
70	35.3
72	37.7
74	41.3
76	44.5
78	47.6
80	50.3
82	52.3
84	56.8
86	58.7
88	62.9
90	67.4
92	71.4
94	77.3

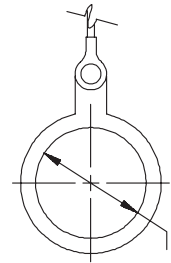
TABLE D

Dash #	Inner Dia. +/-0.30
08	11.9
10	15.1
12	18.2
13	19.4
14	21.4
15	22.6
16	24.6
17	25.8
18	27.8
19	29.0
20	30.6
21	32.1
22	34.1
23	36.9
24	37.
25	40.
27	41.7
28	42.8
29	44.8
30	48.0
31	49.6
32	50.0
33	52.8
35	54.4
36	55.5
40	61.1
44	67.5
48	77.0
118	7.9

TABLE E

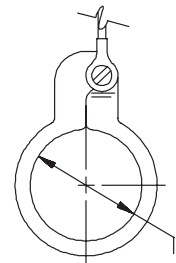
Dash #	Inner Dia. +/-0.30
95	7.9
100	9.9
101	13.1
102	14.8
3	16.3
4	18.0
5	19.5
205	20.0
106	22.2
206	23.0
107	25.8
207	26.0
108	29.0
308	30.2
208	30.6
109	32.2
209	33.3
110	35.3
210	36.5
111	38.6
211	39.0
112	41.7
113	44.9
213	46.0
114	48.0
214	49.2
115	52.8
116	61.1
117	63.8

Style A



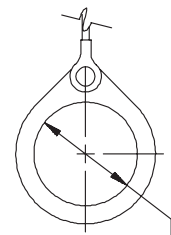
(Refer to Table E)

Style B



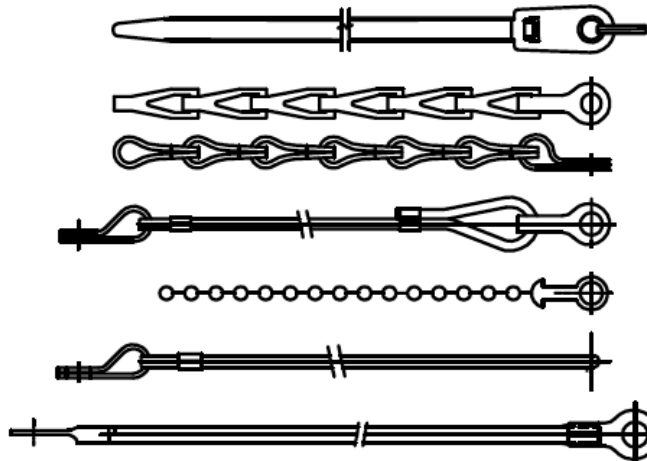
(Refer to Table D)

Style C



(Refer to Table C)

Type of attachment



TR: Tie-Wrap

S: Sash Chain

G: Nylon Rope

D: Bead Chain

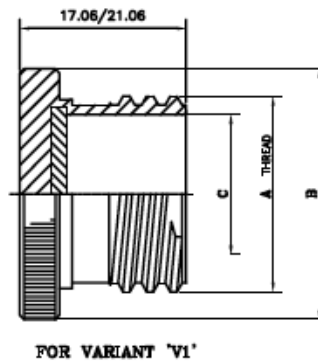
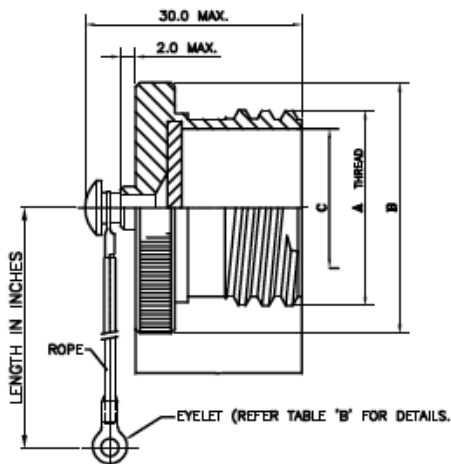
O: Without End Link

F: Teflon Jacketed S.S. Rope

DUST CAP PLUG/RECEPTACLE

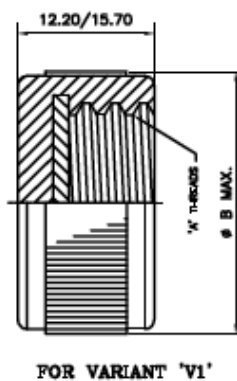
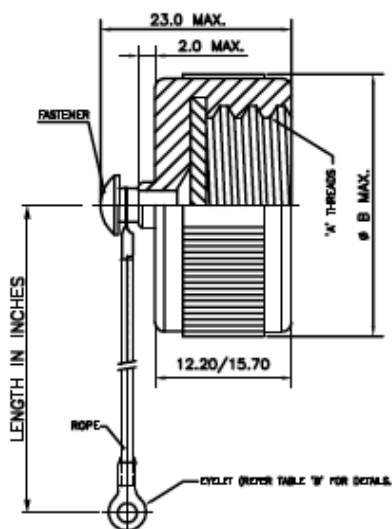
Amphenol Part Number

ITV	32	09	SD	F	01	4	V1
		Shell Size	Class	Type of attachment	Dash #		Variant
Series D38999 III	32: Plug 33: Receptacle	09	Aluminum A: Hard anodic F: 48 hrs. electroless nickel T: PTFE Nickel plating W: 500 hrs. cadmium olive drab EB: Cad. free zinc cobalt-olive drab FB: Cad. free zinc cobalt-black SD: Zinc nickel ED: White Cad. Composite J: Composite cadmium olive drab M: Composite electroless nickel NB: Nickel aluminum bronze CD: S. steel passivated	D: Bead chain passivated	Eyelet: Table B Solid Ring: Table C,D & E WF: With ferrule O: Without eyelet & ring TR: With tie-wrap (Table B,C,D,E pg. 29)	Length	V1: W/O rivet & attachment
		11		F: Wire rope with teflon jacket			
		13		G: Nylon cord			
		15		S: Sash chain passivated			
		17		N: No attachment			
		19		H: Wire rope with nylon jacket			
		21		B: Nylon cord (black)			
		23		(Attachments pg. 29)			
		25					



Plug

Shell Size	A Thread-2A -0.1P-0.3L-TS	B	C
09	0.625"	23.0	12.50
11	0.750"	26.0	15.75
13	0.875"	31.0	19.53
15	1.000"	33.0	22.71
17	1.1875"	37.0	25.88
19	1.250"	40.0	28.55
21	1.375"	44.0	31.72
23	1.500"	46.0	34.90
25	1.625"	50.0	38.07



Receptacle

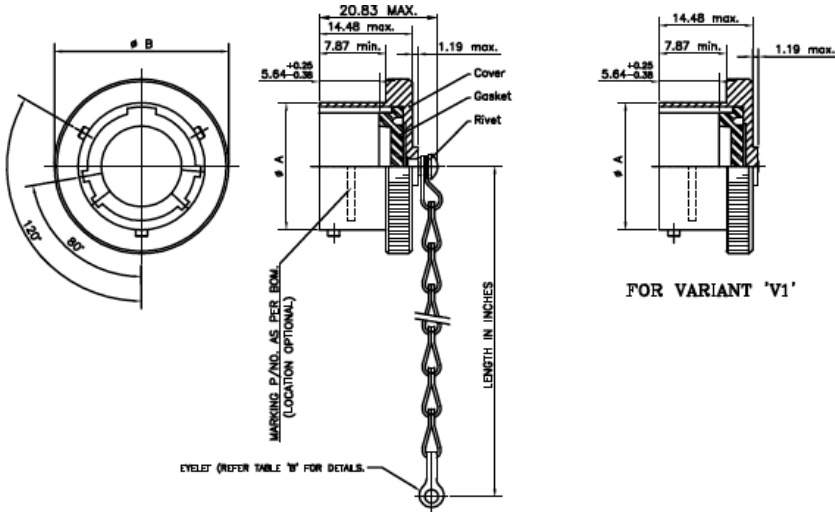
Shell Size	A Thread-2B -0.1P-0.3L-TS	B
09	0.625"	23.0
11	0.750"	28.0
13	0.875"	31.0
15	1.000"	32.0
17	1.1875"	37.0
19	1.250"	39.0
21	1.375"	42.0
23	1.500"	45.0
25	1.625"	49.0

DUST CAP PLUG/RECEPTACLE

Amphenol Part Number

IJT	27511	10	A	S	01	4	V1
		Shell Size	Class	Type of attachment	Dash #		Variant
Series D38999 II	27510: Plug 27511: Receptacle	08	Aluminum A: Hard anodic F: 48 hrs. electroless nickel T: PTFE Nickel plating W: 500 hrs. cadmium olive drab EB: Cad. free zinc cobalt-olive drab FB: Cad. free zinc cobalt-black SD: Zinc nickel ED: White Cad. Composite J: Composite cadmium olive drab M: Composite electroless nickel NB: Nickel aluminum bronze CD: S. steel passivated	D: Bead chain passivated F: Wire rope with teflon jacket G: Nylon cord S: Sash chain passivated N: No attachment H: Wire rope with nylon jacket B: Nylon cord (black) (Attachments pg. 29)	Eyelet: Table B Solid Ring: Table C,D & E WF: With ferrule O: Without eyelet & ring TR: With tie-wrap (Table B,C,D,E pg. 29)	Length	V1: W/O rivet & attachment
		10					
		12					
		14					
		16					
		18					
		20					
		22					
		24					

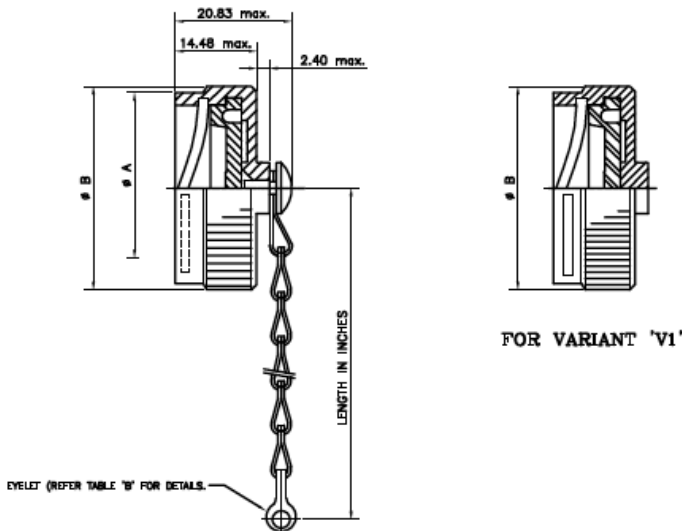
Plug



FOR VARIANT 'V1'

Shell Size	A	B MAX.
08	12.01	18.29
10	14.99	21.59
12	19.05	25.40
14	22.22	28.70
16	25.40	31.75
18	28.58	35.05
20	31.75	38.10
22	34.92	41.40
24	38.10	44.45

Receptacle



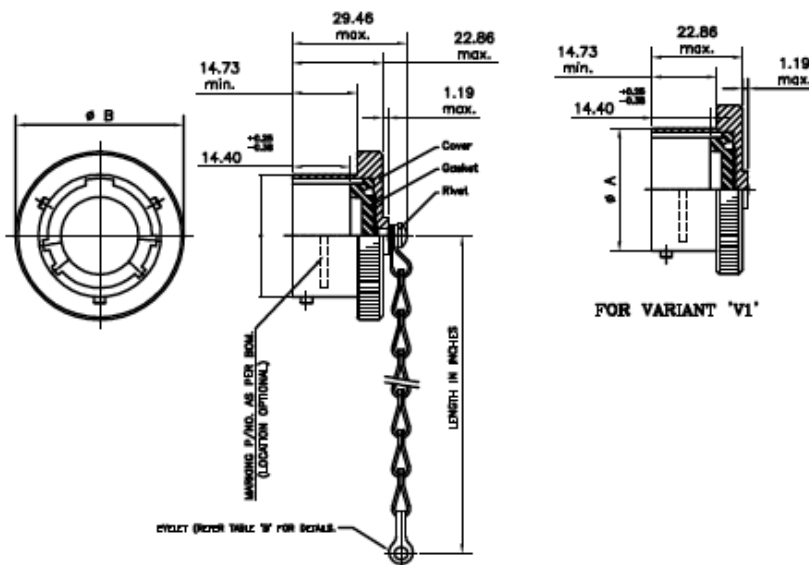
FOR VARIANT 'V1'

Shell Size	A	B MAX.
08	16.00	19.05
10	19.33	21.82
12	23.77	26.19
14	27.28	29.36
16	29.77	32.54
18	33.12	35.71
20	36.45	38.89
22	39.62	41.68
24	42.88	44.86

DUST CAP PLUG/RECEPTACLE

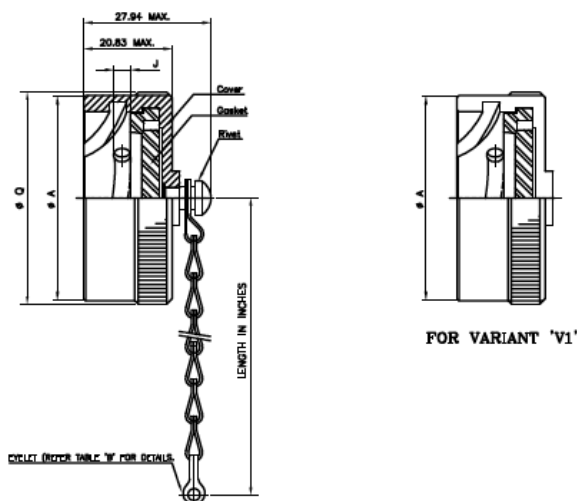
Amphenol Part Number

ILJT	27501	09	A	D	01	4	V1
		Shell Size	Class	Type of attachment	Dash #		Variant
Series D38999 I	27501: Plug 27502: Receptacle	09	Aluminum A: Hard anodic F: 48 hrs. electroless nickel T: PTFE Nickel plating W: 500 hrs. cadmium olive drab EB: Cad. free zinc cobalt-olive drab FB: Cad. free zinc cobalt-black SD: Zinc nickel ED: White Cad.	D: Bead chain passivated	Eyelet: Table B	Length	V1: W/O rivet & attachment
		11	F: 48 hrs. electroless nickel	F: Wire rope with teflon jacket	Solid Ring: Table C,D & E		
		13	T: PTFE Nickel plating	G: Nylon cord	WF: With ferrule		
		15	W: 500 hrs. cadmium olive drab	S: Sash chain passivated	O: Without eyelet & ring		
		17	EB: Cad. free zinc cobalt-olive drab	N: No attachment	TR: With tie-wrap		
		19	FB: Cad. free zinc cobalt-black	H: Wire rope with nylon jacket	(Table B,C,D,E pg. 29)		
		21	SD: Zinc nickel	B: Nylon cord (black)			
		23	ED: White Cad.				
		25		(Attachments pg. 29)			



Plug

Shell Size	A +0.02 -0.13	B MAX.
09	14.53	20.83
11	17.78	23.88
13	21.59	27.18
15	24.77	30.23
17	27.94	33.53
19	30.66	36.58
21	33.83	39.88
23	37.01	42.93
25	40.18	46.23



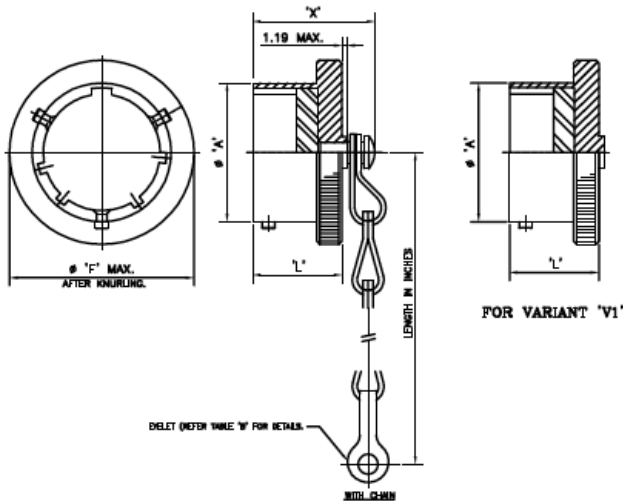
Receptacle

Shell Size	A MAX.	B MIN.	Q MAX.	J ± 0.38
09	20.83	17.78	21.84	2.67
11	23.88	21.34	24.89	
13	27.94	25.65	29.46	
15	30.99	28.96	32.51	
17	34.05	32.00	35.81	
19	37.08	35.31	38.61	
21	40.13	38.35	41.91	
23	43.18	41.66	44.96	
25	46.48	44.70	48.01	

DUST CAP PLUG/RECEPTACLE

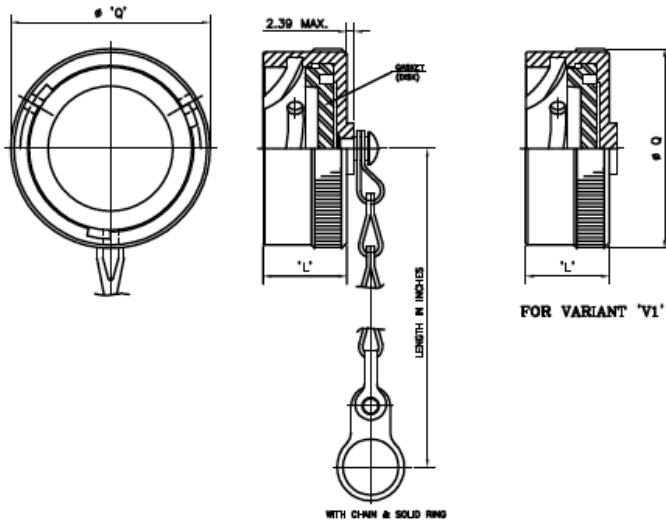
Amphenol Part Number

IMB	3180	08	A	F	01	4	V1
Series MIL 26482	3180: Plug 3181: Receptacle	Shell Size	Class	Type of attachment	Dash #	Length	Variant
		08	Aluminum A: Hard anodic F: 48 hrs. electroless nickel T: PTFE Nickel plating W: 500 hrs. cadmium olive drab EB: Cad. free zinc cobalt-olive drab FB: Cad. free zinc cobalt-black SD: Zinc nickel ED: White Cad. Composite J: Composite cadmium olive drab M: Composite electroless nickel NB: Nickel aluminum bronze CD: S. steel passivated	D: Bead chain passivated	Eyelet: Table B Solid Ring: Table C,D & E WF: With ferrule O: Without eyelet & ring TR: With tie-wrap (Table B,C,D,E pg. 29)		V1: W/O rivet & attachment
		10		F: Wire rope with teflon jacket			
		12		G: Nylon cord			
		14		S: Sash chain passivated			
		16		N: No attachment			
		18		H: Wire rope with nylon jacket			
		20		B: Nylon cord (black)			
		22		(Attachments pg. 29)			
		24					



Plug

Shell Size	A	F MAX.	L MAX. Length	X MAX.	F +0.000/-0.08 For H/D, D/Cap
08	12.01	18.26	14.27	19.84	22.10
10	14.99	21.44			24.86
12	19.05	25.40			29.24
14	22.22	28.58			32.41
16	25.40	31.75			35.58
18	28.58	34.92			38.22
20	31.75	38.10	15.88	21.44	41.94
22	34.92	41.28			45.11
24	38.10	44.45			48.18



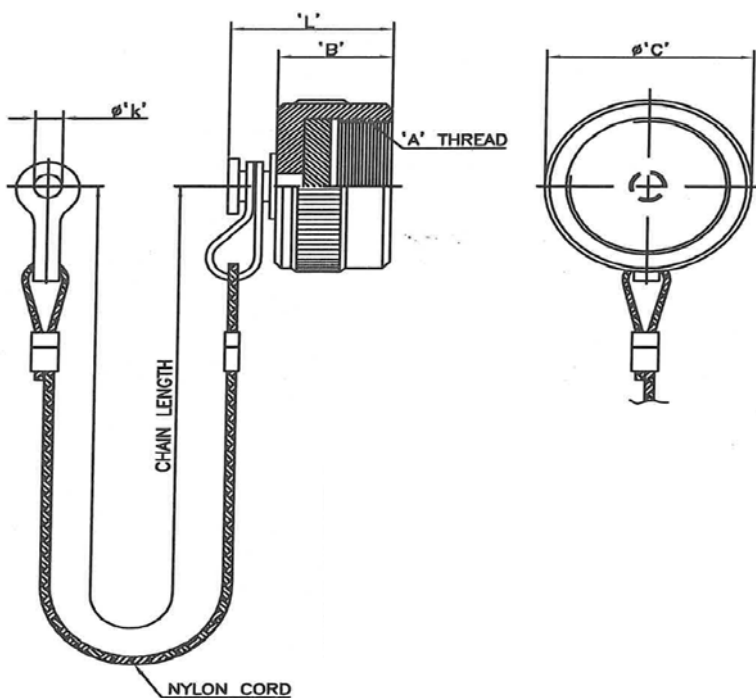
Receptacle

Shell Size	L MAX. Length	N MIN.	Q MAX.	X MAX.		
08	14.27	14.68	18.64	21.44		
10		17.86	21.82			
12		22.63	25.40			
14		25.81	28.58			
16		28.98	31.75			
18		32.16	34.92			
20		35.33	38.10			
22		38.51	41.28			
24		15.29	41.68		44.45	22.22

DUST CAP PLUG

Amphenol Part Number

IMS	25043	18	W	F	01	4
Plug Dust Cap	25042: Plug	Shell Size (Table 1)	Class	Type of attachment	Dash #	Length
			Aluminum CB: electroless nickel TN: PTFE Nickel plating W: 500 hrs. cadmium olive drab EB: Cad. free zinc cobalt-olive drab FB: Cad. free zinc cobalt-black	D: Bead chain passivated F: Wire rope with teflon jacket G: Nylon cord S: Sash chain passivated N: No attachment H: Wire rope with nylon jacket B: Nylon cord (black)	Ring or Eyelet (Table II, III, IV, V)	
(Attachments pg. 29)						



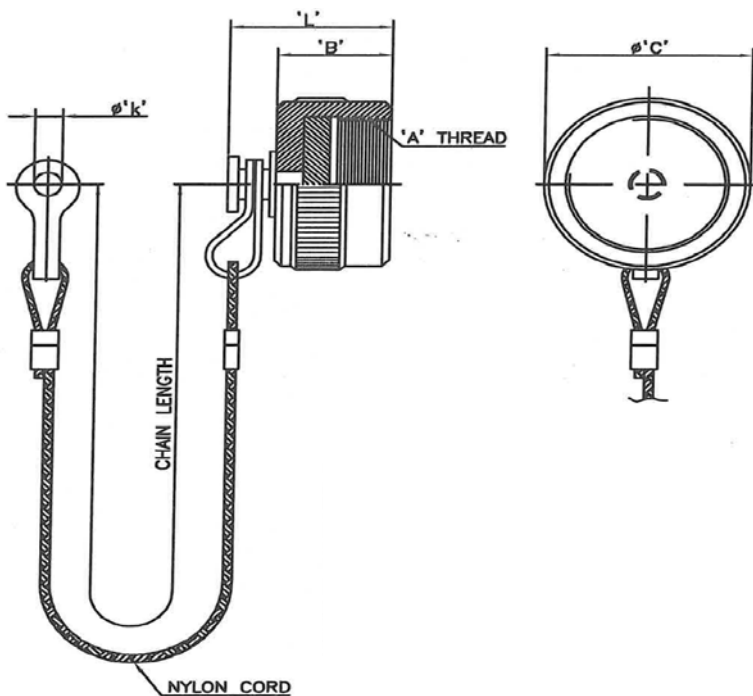
Shell Size	A Thread	B Max	C MAX.	L MAX.
10	5/8"	11.91	20.70	19.05
12	3/4"		25.40	
14	7/8"		28.57	
16	1-20"		30.17	
18	1 1/8"		34.13	
20	1 1/4"		37.31	
22	1 3/8"		40.48	
24	1 1/2"	43.66	20.62	
28	1 3/4"	50.00		
32	2-18"	56.36		
36	2 1/4"	62.71		

Shell Size	L MAX. Length
01	0.140
02	0.182
03	0.191
04	0.197
05	0.167
06	0.125
07	0.218
09	0.145
00	No Eyelet

DUST CAP RECEPTACLE

Amphenol Part Number

IMS	25043	18	W	F	01	4
Receptacle Dust Cap	25043: Receptacle	Shell Size (Table 1)	Class	Type of attachment	Dash #	Length
			Aluminum CB: electroless nickel TN: PTFE Nickel plating W: 500 hrs. cadmium olive drab EB: Cad. free zinc cobalt-olive drab FB: Cad. free zinc cobalt-black	D: Bead chain passivated F: Wire rope with teflon jacket G: Nylon cord S: Sash chain passivated N: No attachment H: Wire rope with nylon jacket B: Nylon cord (black)	Ring or Eyelet (Table II, III, IV, V)	
(Attachments pg. 29)						



Shell Size	A Thread	B Max	C MAX.	L MAX.
10	5/8"	11.91	20.70	19.05
12	3/4"		25.40	
14	7/8"		28.57	
16	1-20"		30.17	
18	1 1/8"		34.13	
20	1 1/4"		37.31	
22	1 3/8"		40.48	
24	1 1/2"	43.66	20.62	
28	1 3/4"	50.00		
32	2-18"	56.36		
36	2 1/4"	62.71		

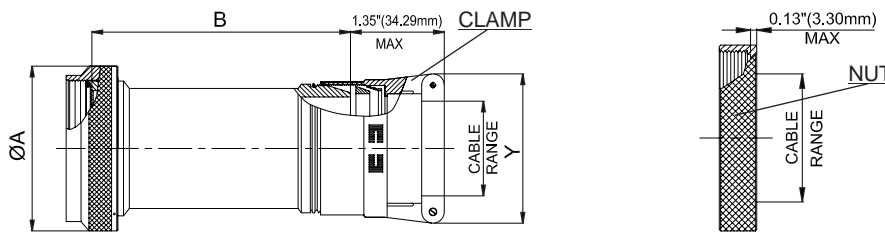
Shell Size	L MAX. Length
01	0.140
02	0.182
03	0.191
04	0.197
05	0.167
06	0.125
07	0.218
09	0.145
00	No Eyelet

STRAIGHT

(Product Image see pg. 7-8)

Amphenol Part Number

BE1	S	R	J	20	06	2	C	A
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin S: Self Lock					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)				
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM			
				INCH	MM	INCH	MM									
08	01	1	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32			
		2								2.53	64.26					
	02	1		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40			
		2								2.53	64.26					
10	01	1		11 / B	0.06	1.57	0.13			3.18	0.85	21.59	1.53	38.86	0.80	20.32
		2											2.53	64.26		
	02	1			0.13	3.18	0.25			6.35			1.53	38.86	1.00	25.40
		2											2.53	64.26		
	03	1	0.25		6.35	0.38	9.53	1.53	38.86	1.10			27.94			
		2						2.53	64.26							
12	01	1	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40			
		2								2.53	64.26					
	02	1		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94			
		2								2.53	64.26					
	03	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48			
		2								2.53	64.26					
14	01	1	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40			
		2								2.53	64.26					
		3								3.53	89.66					
	02	1		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94			
		2								2.53	64.26					
		3								3.53	89.66					
	03	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48			
		2								2.53	64.26					
		3								3.53	89.66					
	04	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75			
		2								2.53	64.26					
		3								3.53	89.66					

Table continued

TABLE-A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE-III	A DIA. (MAX)		B (MAX)		C (MAX)		G (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM
14	01	1	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83
		2		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83
	02	1		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40
		2		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40
	03	1		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08
		2		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08
	04	1		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31
		2		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31
16	01	1	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40
		2		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40
	02	1		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96
		2		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96
	03	1		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08
		2		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08
	04	1		1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83
		2		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83
	05	1		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31
		2		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31
18	01	1	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83
		2		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83
	02	1		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40
		2		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40
	03	1		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96
		2		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96
	04	1		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31
		2		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31
	05	1		1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08
		2		1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08
20	01	1	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83
		2		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83
	02	1		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40
		2		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40
	03	1		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96
		2		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96
	04	1		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67
		2		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67
	05	1		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08
		2		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08
	06	1		1.35	34.16	3.13	79.50	1.16	29.36	1.77	44.96
		2		1.35	34.16	4.13	104.90	1.16	29.36	1.77	44.96
22	01	1	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83
		2		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83
	02	1		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40
		2		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40
	03	1		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96
		2		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96
	04	1		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67
		2		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67
	05	1		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31
		2		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31
	06	1		1.47	37.29	3.13	79.50	1.03	26.09	1.15	29.08
		2		1.47	37.29	4.13	104.90	1.03	26.09	1.15	29.08
	07	1		1.47	37.29	3.13	79.50	1.38	34.93	2.11	53.67
		2		1.47	37.29	4.13	104.90	1.38	34.93	2.11	53.67

Table continued

STRAIGHT

TABLE A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM		
24	01	1	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40		
		2		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40		
	02	1		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96		
		2		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96		
	03	1		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96		
		2		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96		
	04	1		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67		
		2		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67		
	05	1		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83		
		2		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83		
	06	1		1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67		
		2		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67		
	28	01		1	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40
				2		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40
02		1	1.97	50.01		3.13	79.50	1.16	29.36	1.77	44.96		
		2	1.97	50.01		4.13	104.90	1.16	29.36	1.77	44.96		
03		1	1.97	50.01		3.13	79.50	1.38	34.93	2.11	53.67		
		2	1.97	50.01		4.13	104.90	1.38	34.93	2.11	53.67		
04		1	1.97	50.01		3.13	79.50	1.50	38.10	2.36	60.02		
		2	1.97	50.01		4.13	104.90	1.50	38.10	2.36	60.02		
32	01	1	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96		
		2		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96		
	02	1		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67		
		2		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67		
	03	1		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02		
		2		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02		
	04	1		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36		
		2		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36		
	36	01		1	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67
				2		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67
02		1	2.47	62.71		4.13	104.90	1.50	38.10	2.36	60.02		
		2	2.47	62.71		5.13	130.30	1.50	38.10	2.36	60.02		
03		1	2.47	62.71		4.13	104.90	1.78	45.24	2.77	70.36		
		2	2.47	62.71		5.13	130.30	1.78	45.24	2.77	70.36		
04		1	2.47	62.71		5.01	127.25	1.83	46.48	3.02	76.71		
		2	2.47	62.71		6.01	152.65	1.83	46.48	3.02	76.71		
05		1	2.47	62.71		4.13	104.90	1.06	26.90	1.55	39.40		
		2	2.47	62.71		5.13	130.30	1.06	26.90	1.55	39.40		
06		1	2.47	62.71		4.13	104.90	1.83	46.48	3.02	76.71		
		2	2.47	62.71		5.13	130.30	1.83	46.48	3.02	76.71		
07		1	2.47	62.71		4.13	104.90	1.16	29.36	1.77	44.96		
		2	2.47	62.71		5.13	130.30	1.16	29.36	1.77	44.96		

Table continued

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM		
40	01	1	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67		
		2		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67		
	02	1		2.72	69.06	4.13	104.90	1.50	38.10	2.36	60.02		
		2		2.72	69.06	5.13	130.30	1.50	38.10	2.36	60.02		
	03	1		2.72	69.06	4.13	104.90	1.78	45.24	2.77	70.36		
		2		2.72	69.06	5.13	130.30	1.78	45.24	2.77	70.36		
	04	1		2.72	69.06	4.13	104.90	1.83	46.48	3.02	76.71		
		2		2.72	69.06	5.13	130.30	1.83	46.48	3.02	76.71		
	05	1		2.72	69.06	4.13	104.90	1.06	26.90	1.55	39.40		
		2		2.72	69.06	5.13	130.30	1.06	26.90	1.55	39.40		
	06	1		2.72	69.06	4.13	104.90	1.16	29.36	1.77	44.96		
		2		2.72	69.06	5.13	130.30	1.16	29.36	1.77	44.96		
	44	01		1	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67
				2		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67
02		1	2.97	75.41		4.13	104.90	1.50	38.10	2.36	60.02		
		2	2.97	75.41		5.13	130.30	1.50	38.10	2.36	60.02		
03		1	2.97	75.41		4.13	104.90	1.78	45.24	2.77	70.36		
		2	2.97	75.41		5.13	130.30	1.78	45.24	2.77	70.36		
04		1	2.97	75.41		4.13	104.90	1.83	46.48	3.02	76.71		
		2	2.97	75.41		5.13	130.30	1.83	46.48	3.02	76.71		
05		1	2.97	75.41		4.13	104.90	1.16	29.36	1.77	44.96		
		2	2.97	75.41		5.13	130.30	1.16	29.36	1.77	44.96		
48	01	1	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67		
		2		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67		
	02	1		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02		
		2		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02		
	03	1		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36		
		2		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36		
	04	1		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71		
		2		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71		

Table continued

STRAIGHT

TABLE - A									
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE					
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX			
				INCH	MM	INCH	MM		
08	01	1	8	0.13	3.18	0.25	6.35		
		2		0.13	3.18	0.25	6.35		
	02	1		0.25	6.35	0.44	11.10		
		2		0.25	6.35	0.44	11.10		
10	01	1		10	0.13	3.18	0.31	7.92	
		2			0.13	3.18	0.31	7.92	
	02	1			0.25	6.35	0.44	11.10	
		2			0.25	6.35	0.44	11.10	
	03	1	0.25		6.35	0.38	9.53		
		2	0.25		6.35	0.38	9.53		
12	01	1	7/12		0.25	6.35	0.44	11.10	
		2			0.25	6.35	0.44	11.10	
	02	1			0.35	8.89	0.63	15.88	
		2			0.35	8.89	0.63	15.88	
	03	1			0.35	8.89	0.50	12.70	
		2			0.13	3.18	0.31	7.92	
	04	1		0.13	3.18	0.31	7.92		
		2		0.35	8.89	0.50	12.70		
	05	1		0.35	8.89	0.50	12.70		
		2		0.35	8.89	0.50	12.70		
14	01	1		12/14	0.35	8.89	0.58	14.61	
		2			0.35	8.89	0.58	14.61	
	02	1			0.50	12.70	0.75	19.05	
		2			0.50	12.70	0.75	19.05	
	03	1			0.25	6.35	0.44	11.10	
		2			0.25	6.35	0.44	11.10	
	04	1			0.13	3.18	0.31	7.92	
		2			0.13	3.18	0.31	7.92	
16	01	1			19/16	0.50	12.70	0.70	17.78
		2				0.50	12.70	0.70	17.78
	02	1	0.63			15.88	0.94	23.80	
		2	0.63			15.88	0.94	23.80	
	03	1	0.25			6.35	0.44	11.10	
		2	0.25			6.35	0.44	11.10	
	04	1	0.35			8.89	0.63	15.88	
		2	0.35			8.89	0.63	15.88	
	05	1	0.13	3.18		0.31	7.92		
		2	0.13	3.18		0.31	7.92		
18	01	1	27/18	0.35		8.89	0.63	15.88	
		2		0.35		8.89	0.63	15.88	
	02	1		0.50		12.70	0.75	19.05	
		2		0.50		12.70	0.75	19.05	
	03	1		0.63		15.88	0.94	23.80	
		2		0.63		15.88	0.94	23.80	
	04	1		0.13		3.18	0.31	7.92	
		2		0.13		3.18	0.31	7.92	
	05	1		0.25		6.35	0.44	11.10	
		2		0.25		6.35	0.44	11.10	
20	01	1		37/20	0.35	8.89	0.63	15.88	
		2			0.35	8.89	0.63	15.88	
	02	1			0.50	12.70	0.75	19.05	
		2			0.50	12.70	0.75	19.05	
	03	1			0.63	15.88	0.94	23.80	
		2			0.63	15.88	0.94	23.80	
	04	1			0.88	22.23	1.25	31.75	
		2			0.88	22.23	1.25	31.75	

Table continued

TABLE - A								
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		
				INCH	MM	INCH	MM	
20	05	1	37/20	0.25	6.35	0.44	11.10	
		2		0.25	6.35	0.44	11.10	
	06	1		0.63	15.88	0.90	22.96	
		2		0.63	15.88	0.90	22.96	
22	01	1		22	0.35	8.89	0.63	15.88
		2			0.35	8.89	0.63	15.88
	02	1			0.50	12.70	0.75	19.05
		2			0.50	12.70	0.75	19.05
	03	1	0.63		15.88	0.94	23.80	
		2	0.63		15.88	0.94	23.80	
	04	1	0.88		22.23	1.25	31.75	
		2	0.88		22.23	1.25	31.75	
	05	1	0.13		3.18	0.31	7.92	
		2	0.13		3.18	0.31	7.92	
	06	1	0.25		6.35	0.44	11.10	
		2	0.25		6.35	0.44	11.10	
	07	1	0.88		22.23	1.03	26.14	
		2	0.88		22.23	1.03	26.14	
24	01	1	24	0.50	12.70	0.75	19.05	
		2		0.50	12.70	0.75	19.05	
	02	1		0.63	15.88	0.81	20.62	
		2		0.63	15.88	0.81	20.62	
	03	1		0.63	15.88	0.94	23.80	
		2		0.63	15.88	0.94	23.80	
	04	1		0.88	22.23	1.25	31.75	
		2		0.88	22.23	1.25	31.75	
	05	1		0.35	8.89	0.63	15.88	
		2		0.35	8.89	0.63	15.88	
	06	1		0.88	22.23	1.14	29.06	
		2		0.88	22.23	1.14	29.06	
28	01	1	28	0.50	12.70	0.75	19.05	
		2		0.50	12.70	0.75	19.05	
	02	1		0.63	15.88	0.94	23.80	
		2		0.63	15.88	0.94	23.80	
	03	1		0.88	22.23	1.25	31.75	
		2		0.88	22.23	1.25	31.75	
	04	1		1.00	25.40	1.38	34.93	
		2		1.00	25.40	1.38	34.93	
32	01	1	32	0.63	15.88	0.94	23.80	
		2		0.63	15.88	0.94	23.80	
	02	1		0.88	22.23	1.25	31.75	
		2		0.88	22.23	1.25	31.75	
	03	1		1.00	25.40	1.38	34.93	
		2		1.00	25.40	1.38	34.93	
	04	1		1.25	31.75	1.63	41.28	
		2		1.25	31.75	1.63	41.28	
36	01	1	36	0.88	22.23	1.25	31.75	
		2		0.88	22.23	1.25	31.75	
	02	1		1.00	25.40	1.38	34.93	
		2		1.00	25.40	1.38	34.93	
	03	1		1.25	31.75	1.63	41.28	
		2		1.25	31.75	1.63	41.28	
	04	1		1.44	36.50	1.88	47.63	
		2		1.44	36.50	1.88	47.63	

Table continued

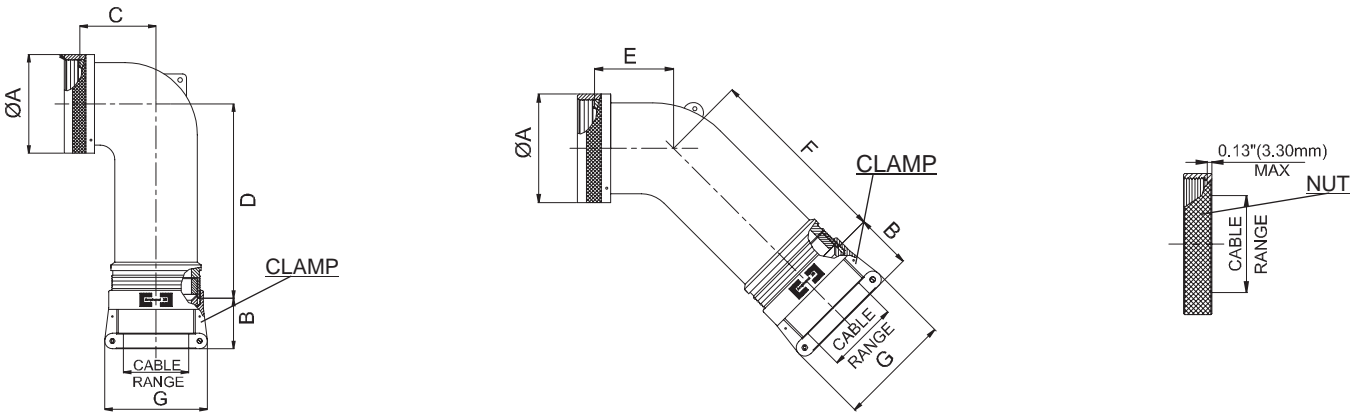
STRAIGHT

TABLE - A								
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		
				INCH	MM	INCH	MM	
36	05	1	36	0.50	12.70	0.75	19.05	
		2		0.50	12.70	0.75	19.05	
	06	1		1.44	36.50	1.84	46.74	
		2		1.44	36.50	1.84	46.74	
	07	1		0.63	15.88	0.94	23.80	
		2		0.63	15.88	0.94	23.80	
40	01	1		40	0.88	22.23	1.25	31.75
		2			0.88	22.23	1.25	31.75
	02	1			1.00	25.40	1.38	34.93
		2			1.00	25.40	1.38	34.93
	03	1			1.25	31.75	1.63	41.28
		2			1.25	31.75	1.63	41.28
	04	1	1.44		36.50	1.88	47.63	
		2	1.44		36.50	1.88	47.63	
	05	1	0.50		12.70	0.75	19.05	
		2	0.50		12.70	0.75	19.05	
	06	1	0.63		15.88	0.94	23.80	
		2	0.63		15.88	0.94	23.80	
44	01	1	44	0.88	22.23	1.25	31.75	
		2		0.88	22.23	1.25	31.75	
	02	1		1.00	25.40	1.38	34.93	
		2		1.00	25.40	1.38	34.93	
	03	1		1.25	31.75	1.63	41.28	
		2		1.25	31.75	1.63	41.28	
	04	1		1.44	36.50	1.88	47.63	
		2		1.44	36.50	1.88	47.63	
	05	1		0.63	15.88	0.94	23.80	
		2		0.63	15.88	0.94	23.80	
48	01	1	48	0.88	22.23	1.25	31.75	
		2		0.88	22.23	1.25	31.75	
	02	1		1.00	25.40	1.38	34.93	
		2		1.00	25.40	1.38	34.93	
	03	1		1.25	31.75	1.63	41.28	
		2		1.25	31.75	1.63	41.28	
	04	1		1.44	36.50	1.88	47.63	
		2		1.44	36.50	1.88	47.63	

90° & 45°

Amphenol Part Number

BE1	B	R	J	14	03	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	Length (Table B)	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8	0.62	15.67	1.03	26.09	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75
10	01	10	0.73	18.64	1.03	26.09	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77
	02		0.73	18.64	1.03	26.09	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29
12	03	7/12	0.73	18.64	1.03	26.09	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27
	01		0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	02		0.86	21.79	1.03	26.09	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37
14	03	12/14	0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	01		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
	02		0.98	24.99	1.03	26.09	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69
16	03	19/16	0.98	24.99	1.06	26.90	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20
	04		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
	01		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	02		1.11	28.24	1.06	26.90	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23
	05		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	04		1.11	28.24	1.16	29.36	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01

Table continued

90° & 45°

TABLE - B														
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	01	27/18	1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02		1.22	30.94	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05		1.22	30.94	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	06		1.22	30.94	1.16	29.36	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01
20	01	37/20	1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02		1.35	34.16	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03		1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04		1.35	34.16	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
	06		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
22	01	22	1.47	37.29	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02		1.47	37.29	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	06		1.47	37.29	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	07		1.47	37.29	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
24	01	24	1.59	40.46	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02		1.59	40.46	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03		1.59	40.46	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04		1.59	40.46	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05		1.59	40.46	1.38	34.93	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28
28	01	28	1.97	50.01	1.16	29.36	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	02		1.97	50.01	1.50	38.10	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39
	03		1.97	50.01	1.06	26.90	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	04		1.97	50.01	1.38	34.93	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
32	01	32	2.22	56.36	1.16	29.36	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	02		2.22	56.36	1.38	34.93	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	03		2.22	56.36	1.78	45.24	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93
	04		2.22	56.36	1.50	38.10	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
36	01	36	2.47	62.71	1.16	29.36	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	02		2.47	62.71	1.50	38.10	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	03		2.47	62.71	1.83	46.48	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21
	04		2.47	62.71	1.06	26.90	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	05		2.47	62.71	1.38	34.93	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	06		2.47	62.71	1.78	45.24	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
40	01	40	2.72	69.06	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02		2.72	69.06	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03		2.72	69.06	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04		2.72	69.06	1.06	26.90	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10
	05		2.72	69.06	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	06		2.72	69.06	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
44	01	44	2.97	75.41	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02		2.97	75.41	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03		2.97	75.41	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04		2.97	75.41	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05		2.97	75.41	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
48	01	48	3.22	81.76	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02		3.22	81.76	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03		3.22	81.76	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04		3.22	81.76	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05		3.22	81.76	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10

Table continued

90° & 45°

TABLE - B								
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE		INCH	MM	MIN		MAX	
					INCH	MM	INCH	MM
08	01	8	0.96	24.31	0.13	3.18	0.25	6.35
10	01	10	0.96	24.31	0.13	3.18	0.31	7.92
	02		1.15	29.08	0.25	6.35	0.44	11.10
	03		1.15	29.08	0.25	6.35	0.38	9.53
12	01	7/12	0.96	24.31	0.13	3.18	0.31	7.92
	02		1.33	33.83	0.35	8.89	0.63	15.88
	03		1.15	29.08	0.25	6.35	0.44	11.10
	04		1.33	33.83	0.35	8.89	0.50	12.70
14	01	12/14	1.15	29.08	0.25	6.35	0.44	11.10
	02		1.33	33.83	0.35	8.89	0.58	14.61
	03		1.55	39.40	0.50	12.70	0.75	19.05
	04		0.96	24.31	0.13	3.18	0.31	7.92
16	01	19/16	1.15	29.08	0.25	6.35	0.44	11.10
	02		1.55	39.40	0.50	12.70	0.70	17.78
	03		1.33	33.83	0.35	8.89	0.63	15.88
	04		1.77	44.96	0.63	15.88	0.94	23.80
	05		0.96	24.31	0.13	3.18	0.31	7.92
18	01	27/18	1.33	33.83	0.35	8.89	0.63	15.88
	02		1.77	44.96	0.63	15.88	0.78	19.79
	03		0.96	24.31	0.13	3.18	0.31	7.92
	04		1.15	29.08	0.25	6.35	0.44	11.10
	05		1.55	39.40	0.50	12.70	0.75	19.05
	06		1.77	44.96	0.63	15.88	0.94	23.80
20	01	37/20	1.33	33.83	0.35	8.89	0.63	15.88
	02		1.77	44.96	0.63	15.88	0.90	22.96
	03		1.15	29.08	0.25	6.35	0.44	11.10
	04		1.55	39.40	0.50	12.70	0.75	19.05
	05		2.11	53.67	0.88	22.23	1.25	31.75
22	01	22	1.55	39.40	0.50	12.70	0.75	19.05
	02		2.11	53.67	0.88	22.23	1.03	26.14
	03		0.96	24.31	0.13	3.18	0.31	7.92
	04		1.15	29.08	0.25	6.35	0.44	11.10
	05		1.33	33.83	0.35	8.89	0.63	15.88
	06		1.77	44.96	0.63	15.88	0.94	23.80
	07		2.11	53.67	0.88	22.23	1.25	31.75
24	01	24	1.55	39.40	0.50	12.70	0.75	19.05
	02		2.11	53.67	0.88	22.23	1.14	29.06
	03		1.33	33.83	0.35	8.89	0.63	15.88
	04		1.77	44.96	0.63	15.88	0.94	23.80
	05		2.12	53.75	0.88	22.23	1.25	31.75
28	01	28	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		1.55	39.40	0.50	12.70	0.75	19.05
	04		2.11	53.67	0.88	22.23	1.25	31.75
32	01	32	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.11	53.67	0.88	22.23	1.25	31.75
	03		2.77	70.36	1.25	31.75	1.63	41.28
	04		2.36	60.02	1.00	25.40	1.38	34.93
36	01	36	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.84	46.74
	04		1.55	39.40	0.50	12.70	0.75	19.05
	05		2.11	53.67	0.88	22.23	1.25	31.75
	06		2.77	70.36	1.25	31.75	1.63	41.28

Table continued

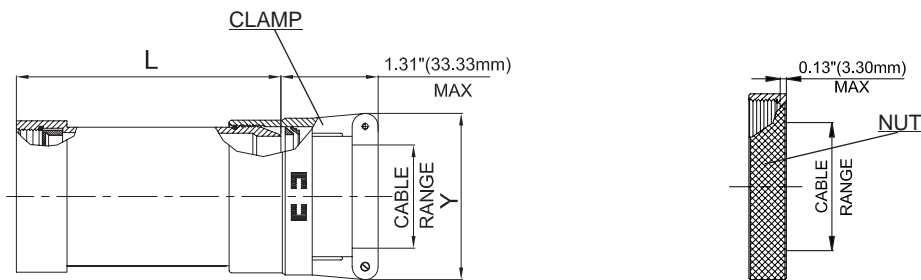
90° & 45°

TABLE - B								
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE		INCH	MM	MIN		MAX	
					INCH	MM	INCH	MM
40	01	40	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.88	47.63
	04		1.55	39.40	0.50	12.70	0.75	19.05
	05		2.11	53.67	0.88	22.23	1.25	31.75
	06		2.77	70.36	1.25	31.75	1.63	41.28
44	01	44	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.88	47.63
	04		2.11	53.67	0.88	22.23	1.25	31.75
	05		2.77	70.36	1.25	31.75	1.63	41.28
48	01	48	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.88	47.63
	04		2.11	53.67	0.88	22.23	1.25	31.75
	05		2.77	70.36	1.25	31.75	1.63	41.28

STRAIGHT

Amphenol Part Number

BE1	S	D	K	12	03	1	N	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				L (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	
				INCH	MM	INCH	MM					
08	01	1	8 / 9	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81	
		2						2.53	64.26			
	02	1		0.13	3.18	0.25	6.35	1.53	38.86			
		2						2.53	64.26			
10	01	1		10 / 11	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2							2.53	64.26		
	02	1			0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2							2.53	64.26		
	03	1	0.25		6.35	0.38	9.53	1.53	38.86	1.06	26.92	
		2						2.53	64.26			
12	01	1	12 / 13	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64	
		2						2.53	64.26			
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92	
		2						2.53	64.26			
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46	
		2						2.53	64.26			
14	01	1	14 / 15	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64	
		2						2.53	64.26			
		3						3.53	89.66			
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92	
		2						2.53	64.26			
		3						3.53	89.66			
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46	
		2						2.53	64.26			
		3						3.53	89.66			
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75	
		2						2.53	64.26			
		3						3.53	89.66			

Table continued

STRAIGHT

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
16	01	1	16 / 17	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
18	01	1	18 / 19	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
20	01	1	20 / 21	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
2		2.53	64.26								
3		3.53	89.66								
4		4.53	115.06								

Table continued

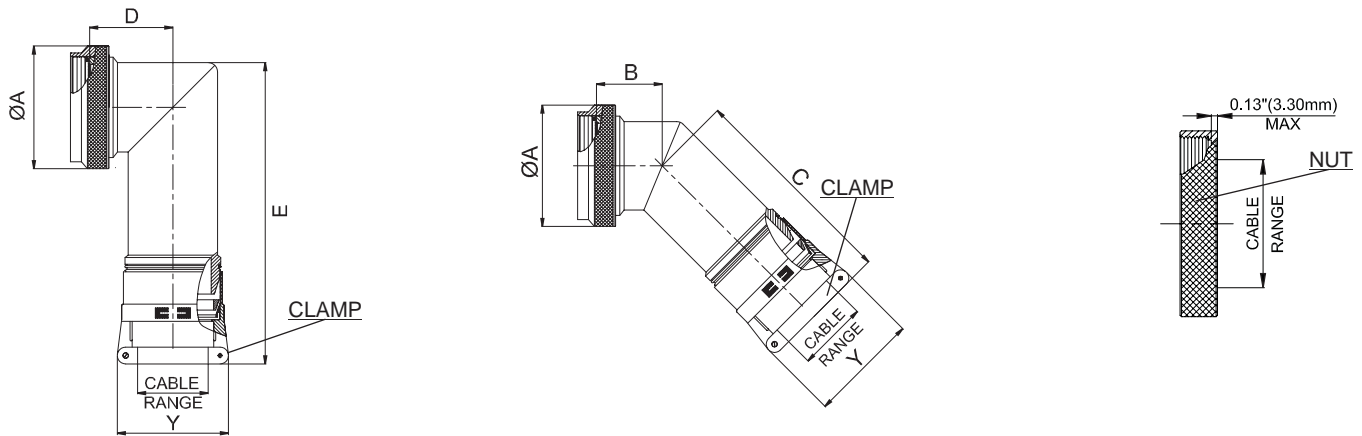
STRAIGHT

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	01	1	22 / 23	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
24	01	1	24 / 25	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		

90° & 45°

Amphenol Part Number

BE1	B	R	K	24	07	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	Ø		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
16	01	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05

Table continued

90° & 45°

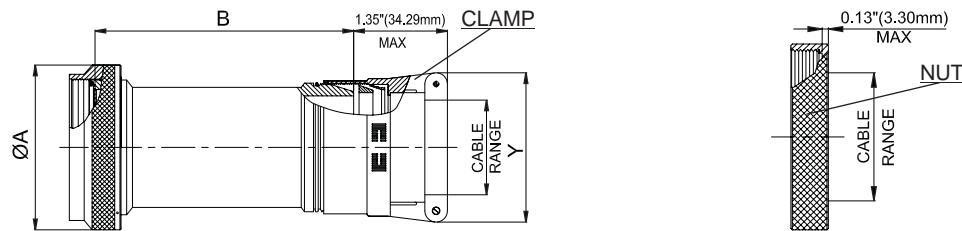
TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
18	01	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22 / 23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24 / 25	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

STRAIGHT

Amphenol Part Number

BE1	S	R	L	20	05	3	C	N
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)				
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM			
				INCH	MM	INCH	MM									
08	01	1	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32			
		2								2.53	64.26					
	02	1		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40			
		2								2.53	64.26					
10	01	1		11 / B	0.06	1.57	0.13			3.18	0.85	21.59	1.53	38.86	0.80	20.32
		2											2.53	64.26		
	02	1			0.13	3.18	0.25			6.35			1.53	38.86	1.00	25.40
		2											2.53	64.26		
	03	1	0.25		6.35	0.38	9.53	1.53	38.86	1.10			27.94			
		2						2.53	64.26							
12	01	1	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40			
		2								2.53	64.26					
	02	1		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94			
		2								2.53	64.26					
	03	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48			
		2								2.53	64.26					
14	01	1	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40			
		2								2.53	64.26					
		3								3.53	89.66					
	02	1		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94			
		2								2.53	64.26					
		3								3.53	89.66					
	03	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48			
		2								2.53	64.26					
		3								3.53	89.66					
	04	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75			
		2								2.53	64.26					
		3								3.53	89.66					

Table continued

STRAIGHT

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
16	01	1	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.00	25.40
		2								2.53	64.26		
		3								3.53	89.66		
	02	1		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		2								2.53	64.26		
		3								3.53	89.66		
	03	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2								2.53	64.26		
		3								3.53	89.66		
	04	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2								2.53	64.26		
		3								3.53	89.66		
	05	1		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2								2.53	64.26		
		3								3.53	89.66		
18	01	1	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.10	27.94
		2								2.53	64.26		
		3								3.53	89.66		
	02	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2								2.53	64.26		
		3								3.53	89.66		
	03	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2								2.53	64.26		
		3								3.53	89.66		
	04	1		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2								2.53	64.26		
		3								3.53	89.66		
	05	1		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2								2.53	64.26		
		3								3.53	89.66		
20	01	1	21 / G	0.25	6.35	0.38	9.53	1.50	38.10	1.53	38.86	1.10	27.94
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	02	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	03	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
20	04	1	21 / G	0.56	14.27	0.75	19.05	1.50	38.1	1.53	38.86	1.40	35.56
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	05	1		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	06	1		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		

Table continued

STRAIGHT

TABLE A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
22	01	1	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.10	27.94
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	02	1		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	03	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	04	1		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	05	1		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	06	1		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	07	1		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
24	01	1	25 / J	0.31	7.92	0.50	12.70	1.75	44.45	1.53	38.86	1.20	30.48
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	02	1		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	03	1		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	04	1		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	05	1		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	06	1		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		
	07	1		1.06	26.97	1.25	31.75			1.53	38.86	1.90	48.26
		2								2.53	64.26		
		3								3.53	89.66		
		4								4.53	115.06		

90° & 45°

Amphenol Part Number

BE1	B	R	L	10	02	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45	R: Spin					C: Clamp N: Nut	

*Example shown on pg. 6 (BE1ARL10029CW)

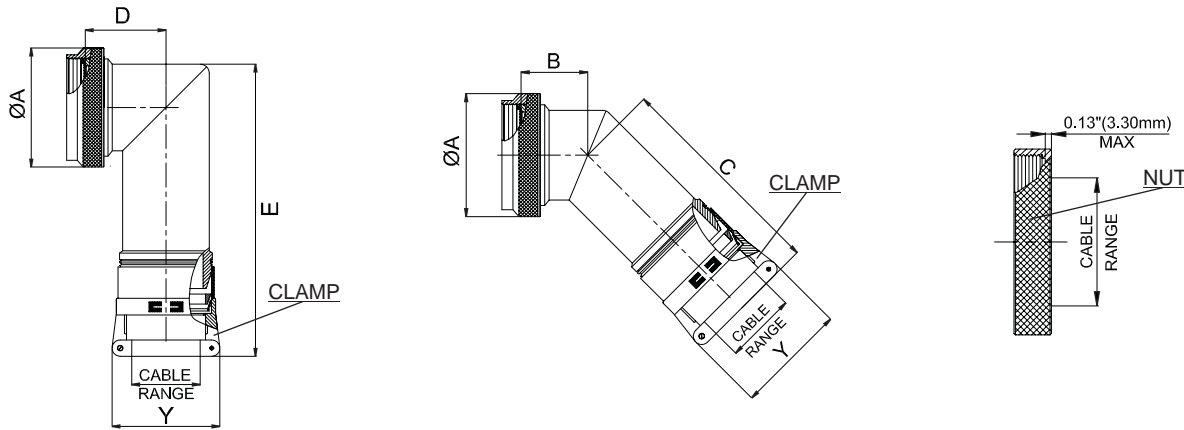


TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN	MAX	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
14	01	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
	04		0.44	11.10	0.63	15.88											1.25	31.75
16	01	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
	04		0.44	11.10	0.63	15.88											1.25	31.75
18	05	19 / F	0.56	14.27	0.75	19.05	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.40	35.56
	01		0.25	6.35	0.38	9.53											1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
			0.69	17.45	0.88	22.23										1.50	38.10	

Table continued

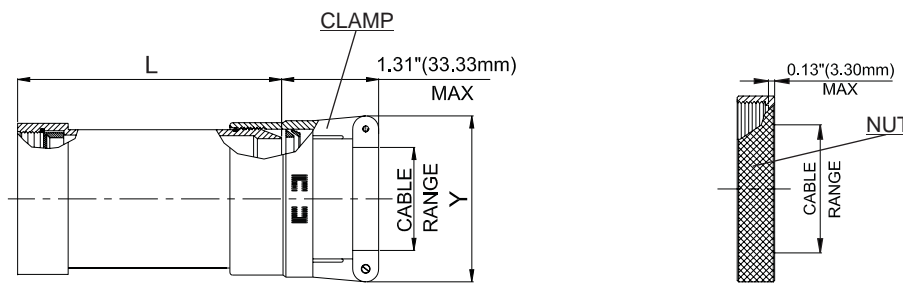
90° & 45°

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
20	01	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.65	41.91
22	01	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.65	41.91
	07		0.94	23.80	1.13	28.58											1.75	44.45
	01		0.31	7.92	0.50	12.70											1.20	30.48
24	02	25 / J	0.44	11.10	0.63	15.88	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.25	31.75
	03		0.56	14.27	0.75	19.05											1.40	35.56
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.65	41.91
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.90	48.26

STRAIGHT

Amphenol Part Number

BE1	S	R	M	10	03	2	N	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		

Table continued

STRAIGHT

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		

Table continued

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
24	01	1	24	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		

90° & 45°

Amphenol Part Number

BE1	A	R	M	18	05	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	

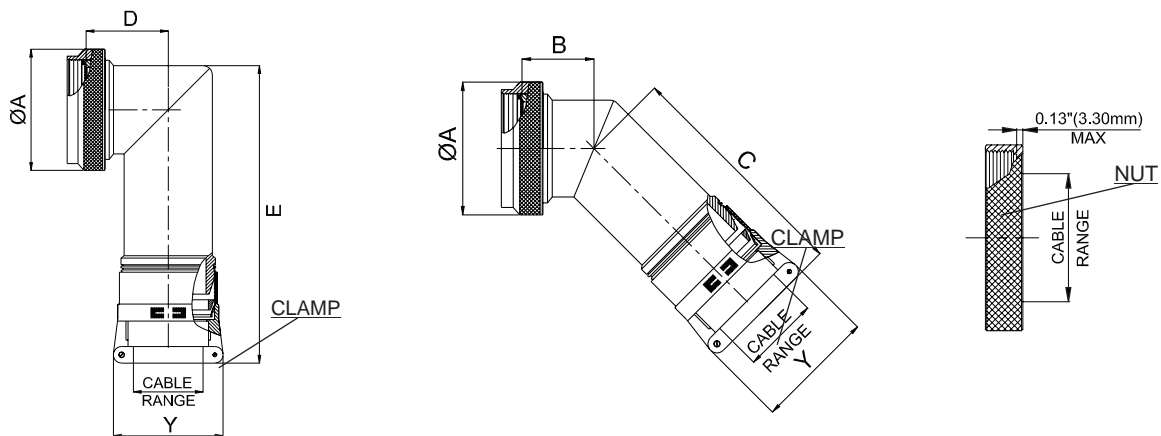


TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table continued

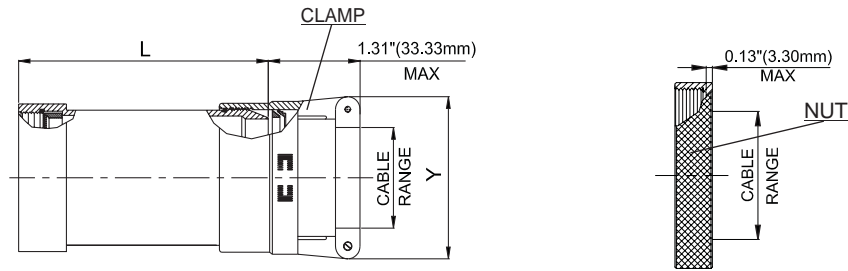
90° & 45°

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

STRAIGHT

Amphenol Part Number

BE1	S	R	N	16	09	3	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		

Table continued

STRAIGHT

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
05	1	0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05		
	2					2.53	64.26				
	3					3.53	89.66				
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
05	1	0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10		
	2					2.53	64.26				
	3					3.53	89.66				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
3		3.53	89.66								
4		4.53	115.06								
06	1	0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40		
	2					2.53	64.26				
	3					3.53	89.66				
	4					4.53	115.06				

STRAIGHT

TABLE - A												
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	
				INCH	MM	INCH	MM					
20	01	1	20	20	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	02	1			0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	03	1			0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	04	1			0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	05	1			0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	06	1			0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
22	01	1	22	22	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	02	1			0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	03	1			0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	04	1			0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	05	1			0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
	06	1			0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2							2.53	64.26		
		3							3.53	89.66		
		4							4.53	115.06		
07	1	0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45			
	2					2.53	64.26					
	3					3.53	89.66					
	4					4.53	115.06					

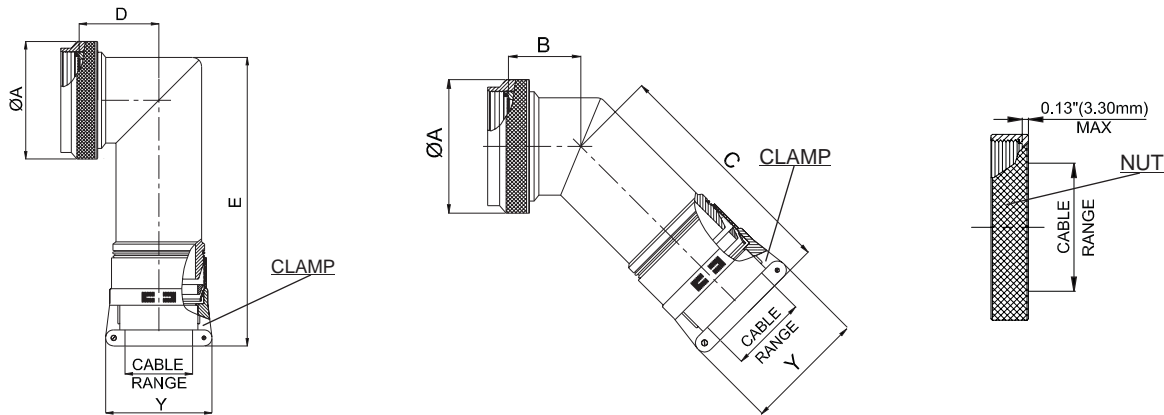
STRAIGHT

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
24	01	1	24	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		

90° & 45°

Amphenol Part Number

BE1	B	R	N	22	06	9	N	A
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table continued

90° & 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

STRAIGHT

(Product Image see pg. 7-8)

Amphenol Part Number

BV1	S	R	J	18	02	2	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	

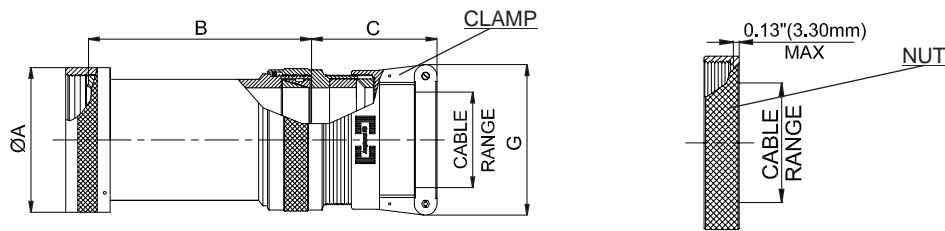


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
08	01	1	0.62	15.67	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35	
		2	0.62	15.67	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35	
	02	1	0.62	15.67	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	0.62	15.67	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
10	01	1	0.73	18.64	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		2	0.73	18.64	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
	02	1	0.73	18.64	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	0.73	18.64	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
	03	1	0.73	18.64	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53	
		2	0.73	18.64	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53	
12	01	1	0.86	21.79	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	0.86	21.79	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
	02	1	0.86	21.79	2.88	73.15	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	0.86	21.79	3.88	98.55	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
	03	1	0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70	
		2	0.86	21.79	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
	04	1	0.86	21.79	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		2	0.86	21.79	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
	05	1	0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70	
		2	0.86	21.79	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70	

Table continued

STRAIGHT

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
14	01	1	0.98	24.99	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61	
		2	0.98	24.99	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61	
	02	1	0.98	24.99	2.88	73.15	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	0.98	24.99	3.88	98.55	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	0.98	24.99	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	0.98	24.99	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
	04	1	0.98	24.99	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		2	0.98	24.99	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
16	01	1	1.11	28.24	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78	
		2	1.11	28.24	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78	
	02	1	1.11	28.24	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	1.11	28.24	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	03	1	1.11	28.24	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	1.11	28.24	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
	04	1	1.11	28.24	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	1.11	28.24	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
	05	1	1.11	28.24	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		2	1.11	28.24	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
18	01	1	1.22	30.94	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	1.22	30.94	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
	02	1	1.22	30.94	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	1.22	30.94	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	1.22	30.94	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	1.22	30.94	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	1.22	30.94	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		2	1.22	30.94	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
	05	1	1.22	30.94	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	1.22	30.94	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
20	01	1	1.35	34.16	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	1.35	34.16	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
	02	1	1.35	34.16	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	1.35	34.16	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	1.35	34.16	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	1.35	34.16	4.88	123.95	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	1.35	34.16	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	1.35	34.16	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	05	1	1.35	34.16	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	1.35	34.16	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
06	1	1.35	34.16	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96		
	2	1.35	34.16	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96		
22	01	1	1.47	37.29	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	1.47	37.29	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
	02	1	1.47	37.29	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	1.47	37.29	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	1.47	37.29	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	1.47	37.29	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	1.47	37.29	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	1.47	37.29	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	05	1	1.47	37.29	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		2	1.47	37.29	4.13	104.90	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
	06	1	1.47	37.29	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
		2	1.47	37.29	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
	07	1	1.47	37.29	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14	
		2	1.47	37.29	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14	

Table continued

STRAIGHT

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
24	01	1	1.59	40.46	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	1.59	40.46	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	02	1	1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62	
		2	1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62	
	03	1	1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	1.59	40.46	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	1.59	40.46	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	05	1	1.59	40.46	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	1.59	40.46	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
	06	1	1.59	40.46	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06	
		2	1.59	40.46	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06	
28	01	1	1.97	50.01	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	1.97	50.01	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	02	1	1.97	50.01	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	1.97	50.01	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	03	1	1.97	50.01	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	1.97	50.01	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	04	1	1.97	50.01	3.13	79.50	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
		2	1.97	50.01	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
32	01	1	2.22	56.36	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	2.22	56.36	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
	02	1	2.22	56.36	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	2.22	56.36	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	03	1	2.22	56.36	3.13	79.50	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
		2	2.22	56.36	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
	04	1	2.22	56.36	3.13	79.50	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
		2	2.22	56.36	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
36	01	1	2.47	62.71	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	2.47	62.71	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	02	1	2.47	62.71	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
		2	2.47	62.71	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
	03	1	2.47	62.71	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
		2	2.47	62.71	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
	04	1	2.47	62.71	5.01	127.25	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
		2	2.47	62.71	6.01	152.65	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
	05	1	2.47	62.71	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	2.47	62.71	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	06	1	2.47	62.71	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74	
		2	2.47	62.71	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74	
	07	1	2.47	62.71	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	2.47	62.71	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
40	01	1	2.72	69.06	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	2.72	69.06	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	02	1	2.72	69.06	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
		2	2.72	69.06	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
	03	1	2.72	69.06	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
		2	2.72	69.06	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
	04	1	2.72	69.06	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
		2	2.72	69.06	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
	05	1	2.72	69.06	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
		2	2.72	69.06	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05	
	06	1	2.72	69.06	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	2.72	69.06	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	

Table continued

STRAIGHT

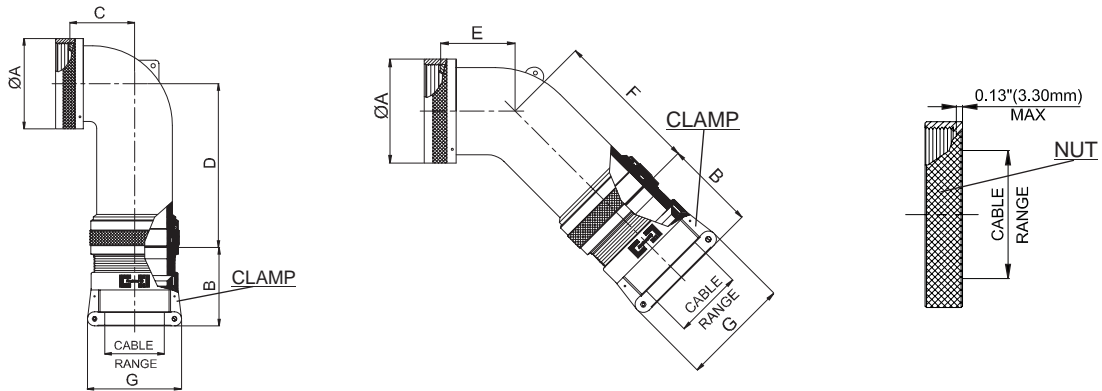
TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
44	01	1	2.97	75.41	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	2.97	75.41	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	02	1	2.97	75.41	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
		2	2.97	75.41	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
	03	1	2.97	75.41	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
		2	2.97	75.41	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
	04	1	2.97	75.41	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
		2	2.97	75.41	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
	05	1	2.97	75.41	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
		2	2.97	75.41	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80	
48	01	1	3.22	81.76	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
		2	3.22	81.76	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75	
	02	1	3.22	81.76	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
		2	3.22	81.76	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93	
	03	1	3.22	81.76	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
		2	3.22	81.76	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28	
	04	1	3.22	81.76	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	
		2	3.22	81.76	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63	

90° & 45°

Amphenol Part Number

BV1	B	R	J	22	06	9	N	A
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8	0.62	15.67	1.54	39.22	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75
10	01	10	0.73	18.64	1.54	39.22	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77
	02		0.73	18.64	1.54	39.22	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29
	03		0.73	18.64	1.54	39.22	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27
12	01	7/12	0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	02		0.86	21.79	1.84	46.84	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37
	03		0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	04		0.86	21.79	1.84	46.84	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29
14	01	12/14	0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
	02		0.98	24.99	1.84	46.84	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69
	03		0.98	24.99	1.92	48.67	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20
	04		0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
16	01	19/16	1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	02		1.11	28.24	1.92	48.67	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23
	03		1.11	28.24	1.84	46.84	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	04		1.11	28.24	2.00	50.80	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01
	05		1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
18	01	27/18	1.22	30.94	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02		1.22	30.94	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05		1.22	30.94	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	06		1.22	30.94	2.00	50.80	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01

Table continued

90° & 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
20	01	37/20	1.35	34.16	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02		1.35	34.16	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03		1.35	34.16	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04		1.35	34.16	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05		1.35	34.16	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
22	01	22	1.47	37.29	1.92	48.72	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02		1.47	37.29	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05		1.47	37.29	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	06		1.47	37.29	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	07		1.47	37.29	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
24	01	24	1.59	40.46	1.92	48.67	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02		1.59	40.46	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03		1.59	40.46	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04		1.59	40.46	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05		1.59	40.46	2.23	56.64	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28
28	01	28	1.97	50.01	2.00	50.80	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	02		1.97	50.01	2.02	51.41	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39
	03		1.97	50.01	1.92	48.67	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	04		1.97	50.01	2.23	56.64	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
32	01	32	2.22	56.36	2.00	50.80	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	02		2.22	56.36	2.23	56.64	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	03		2.22	56.36	2.55	64.77	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93
	04		2.22	56.36	2.02	51.41	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
36	01	36	2.47	62.71	2.00	50.80	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	02		2.47	62.71	2.02	51.41	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	03		2.47	62.71	2.60	66.04	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21
	04		2.47	62.71	1.92	48.67	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	05		2.47	62.71	2.23	56.64	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	06		2.47	62.71	2.55	64.77	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
40	01	40	2.72	69.06	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02		2.72	69.06	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03		2.72	69.06	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04		2.72	69.06	1.92	48.67	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10
	05		2.72	69.06	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	06		2.72	69.06	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
44	01	44	2.97	75.41	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02		2.97	75.41	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03		2.97	75.41	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04		2.97	75.41	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05		2.97	75.41	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
48	01	48	3.22	81.76	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02		3.22	81.76	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03		3.22	81.76	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04		3.22	81.76	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05		3.22	81.76	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10

Table continued

90° & 45°

TABLE - B								
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE		INCH	MM	MIN		MAX	
					INCH	MM	INCH	MM
08	01	8	0.96	24.31	0.13	3.18	0.25	6.35
10	01	10	0.96	24.31	0.13	3.18	0.31	7.92
	02		1.15	29.08	0.25	6.35	0.44	11.10
	03		1.15	29.08	0.25	6.35	0.38	9.53
12	01	7/12	0.96	24.31	0.13	3.18	0.31	7.92
	02		1.33	33.83	0.35	8.89	0.63	15.88
	03		1.15	29.08	0.25	6.35	0.44	11.10
	04		1.33	33.83	0.35	8.89	0.50	12.70
14	01	12/14	1.15	29.08	0.25	6.35	0.44	11.10
	02		1.33	33.83	0.35	8.89	0.58	14.61
	03		1.55	39.40	0.50	12.70	0.75	19.05
	04		0.96	24.31	0.13	3.18	0.31	7.92
16	01	19/16	1.15	29.08	0.25	6.35	0.44	11.10
	02		1.55	39.40	0.50	12.70	0.70	17.78
	03		1.33	33.83	0.35	8.89	0.63	15.88
	04		1.77	44.96	0.63	15.88	0.94	23.80
	05		0.96	24.31	0.13	3.18	0.31	7.92
18	01	27/18	1.33	33.83	0.35	8.89	0.63	15.88
	02		1.77	44.96	0.63	15.88	0.78	19.79
	03		0.96	24.31	0.13	3.18	0.31	7.92
	04		1.15	29.08	0.25	6.35	0.44	11.10
	05		1.55	39.40	0.50	12.70	0.75	19.05
	06		1.77	44.96	0.63	15.88	0.94	23.80
20	01	37/20	1.33	33.83	0.35	8.89	0.63	15.88
	02		1.77	44.96	0.63	15.88	0.90	22.96
	03		1.15	29.08	0.25	6.35	0.44	11.10
	04		1.55	39.40	0.50	12.70	0.75	19.05
	05		2.11	53.67	0.88	22.23	1.25	31.75
22	01	22	1.55	39.40	0.50	12.70	0.75	19.05
	02		2.11	53.67	0.88	22.23	1.03	26.14
	03		0.96	24.31	0.13	3.18	0.31	7.92
	04		1.15	29.08	0.25	6.35	0.44	11.10
	05		1.33	33.83	0.35	8.89	0.63	15.88
	06		1.77	44.96	0.63	15.88	0.94	23.80
	07		2.11	53.67	0.88	22.23	1.25	31.75
24	01	24	1.55	39.40	0.50	12.70	0.75	19.05
	02		2.11	53.67	0.88	22.23	1.14	29.06
	03		1.33	33.83	0.35	8.89	0.63	15.88
	04		1.77	44.96	0.63	15.88	0.94	23.80
	05		2.12	53.75	0.88	22.23	1.25	31.75
28	01	28	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		1.55	39.40	0.50	12.70	0.75	19.05
	04		2.11	53.67	0.88	22.23	1.25	31.75
32	01	32	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.11	53.67	0.88	22.23	1.25	31.75
	03		2.77	70.36	1.25	31.75	1.63	41.28
	04		2.36	60.02	1.00	25.40	1.38	34.93

Table continued

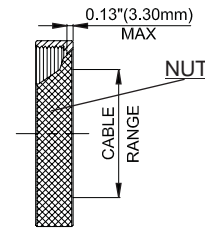
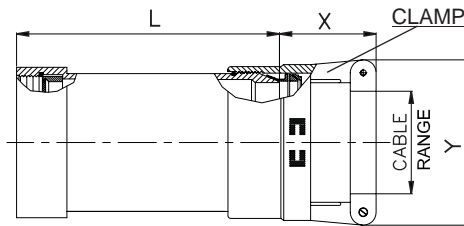
90° & 45°

TABLE - B								
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE		INCH	MM	MIN		MAX	
		INCH			MM	INCH	MM	
36	01	36	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.84	46.74
	04		1.55	39.40	0.50	12.70	0.75	19.05
	05		2.11	53.67	0.88	22.23	1.25	31.75
	06		2.77	70.36	1.25	31.75	1.63	41.28
40	01	40	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.88	47.63
	04		1.55	39.40	0.50	12.70	0.75	19.05
	05		2.11	53.67	0.88	22.23	1.25	31.75
	06		2.77	70.36	1.25	31.75	1.63	41.28
44	01	44	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.88	47.63
	04		2.11	53.67	0.88	22.23	1.25	31.75
	05		2.77	70.36	1.25	31.75	1.63	41.28
48	01	48	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.36	60.02	1.00	25.40	1.38	34.93
	03		3.02	76.71	1.44	36.50	1.88	47.63
	04		2.11	53.67	0.88	22.23	1.25	31.75
	05		2.77	70.36	1.25	31.75	1.63	41.28

STRAIGHT

Amphenol Part Number

BV1	S	R	K	16	04	3	C	N
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH			MIN	MAX	MIN	MAX	INCH	MM	INCH	MM	INCH	MM		
															INCH	MM
08	01	1	8 / 9	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81		
		2		A			2.53	64.26								
	02	1		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2		A			2.53	64.26								
10	01	1	10 / 11	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81		
		2		A			2.53	64.26								
	02	1		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2		A			2.53	64.26								
	03	1		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2		A			2.53	64.26								
12	01	1	12 / 13	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2		A			2.53	64.26								
	02	1		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2		A			2.53	64.26								
	03	1		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2		A			2.53	64.26								
14	01	1	14 / 15	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2		A											2.53	64.26
		3		B											3.53	89.66
	02	1		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2		A											2.53	64.26
		3		B											3.53	89.66
	03	1		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2		A											2.53	64.26
		3		B											3.53	89.66
	04	1		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2		A											2.53	64.26
		3		B											3.53	89.66

Table continued

STRAIGHT

TABLE A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH			LENGTH	MIN		MAX		INCH	MM	INCH	MM	INCH	MM
						INCH	MM	INCH	MM						
16	01	1	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	02	1	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	03	1	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	04	1	STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	05	1	STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
18	01	1	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	02	1	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	03	1	STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	04	1	STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
	05	1	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
20	01	1	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	02	1	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	03	1	STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	04	1	STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	05	1	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10		
		2	A					2.53	64.26						
3		B	3.53					89.66							
4		C	4.53					115.06							
06	1	STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40			
	2	A					2.53	64.26							
	3	B					3.53	89.66							
	4	C					4.53	115.06							

Table continued

STRAIGHT

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH			LENGTH	MIN		MAX		INCH	MM	INCH	MM	INCH	MM
						INCH	MM	INCH	MM						
22	01	1	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	02	1	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	03	1	STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	04	1	STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
22	05	1	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	06	1	STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	07	1	STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
24	01	1	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	02	1	STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	03	1	STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	04	1	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	05	1	STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	06	1	STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						
	07	1	STD.	1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75		
		2	A					2.53	64.26						
		3	B					3.53	89.66						
		4	C					4.53	115.06						

90° & 45°

Amphenol Part Number

BV1	B	R	K	18	04	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	

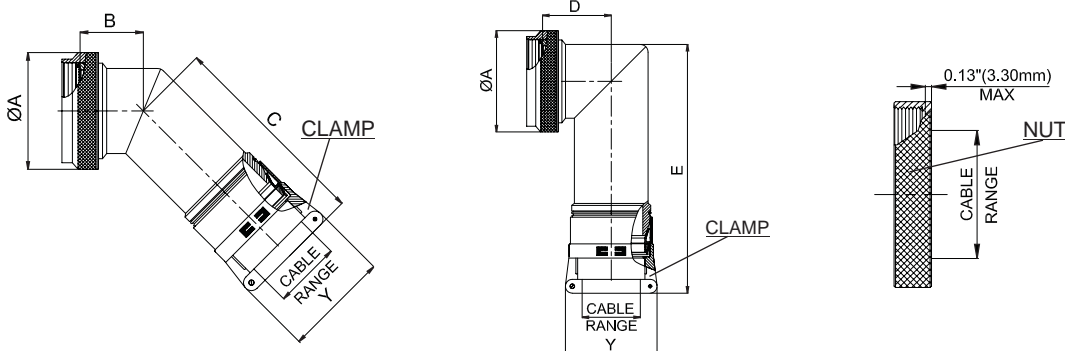


TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
16	01	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10

Table continued

90° & 45°

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
20	01	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22 / 23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24 / 25	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

STRAIGHT

Amphenol Part Number

BV1	S	D	L	14	03	2	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	

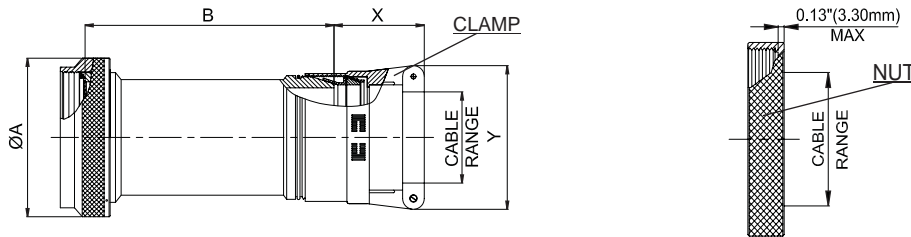


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)						
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM					
				INCH	MM	INCH	MM													
08	01	1	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	1.25	31.75	0.80	20.32					
		2		2.53	64.26															
02	1	0.13		3.18	0.25	6.35	1.53	38.86	1.25	31.75	1.00	25.40								
	2	2.53		64.26																
10	01	1		11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	1.25	31.75	0.80	20.32				
		2			2.53	64.26														
	02	1			0.13	3.18	0.25	6.35			1.53	38.86					1.25	31.75	1.00	25.40
		2			2.53	64.26														
	03	1			0.25	6.35	0.38	9.53			1.53	38.86					1.25	31.75	1.10	27.94
		2			2.53	64.26														
12	01	1		13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.25	31.75	1.00	25.40				
		2			2.53	64.26														
	02	1	0.25		6.35	0.38	9.53	1.53			38.86	1.25					31.75	1.10	27.94	
		2	2.53		64.26															
	03	1	0.38		9.53	0.50	12.70	1.53			38.86	1.25					31.75	1.20	30.48	
		2	2.53		64.26															
14	01	1	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	1.53	38.86	1.25	31.75	1.00	25.40					
		2								2.53	64.26									
		3								3.53	89.66									
	02	1		0.25	6.35	0.38	9.53			1.53	38.86					1.25	31.75	1.10	27.94	
		2								2.53	64.26									
		3								3.53	89.66									
	03	1		0.38	9.53	0.50	12.70			1.53	38.86					1.25	31.75	1.20	30.48	
		2								2.53	64.26									
		3								3.53	89.66									
	04	1		0.50	12.70	0.63	15.88			1.53	38.86					1.31	33.27	1.25	31.75	
		2								2.53	64.26									
		3								3.53	89.66									
16	01	1	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.25	31.75	1.00	25.40					
		2								2.53	64.26									
		3								3.53	89.66									
	02	1		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94					
		2								2.53	64.26									
		3								3.53	89.66									
	03	1		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48					
		2								2.53	64.26									
		3								3.53	89.66									
	04	1		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75					
		2								2.53	64.26									
		3								3.53	89.66									
	05	1		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56					
		2								2.53	64.26									
		3								3.53	89.66									

Table continued

STRAIGHT

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM								
18	01	1	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		2								2.53	64.26				
		3								3.53	89.66				
	02	1		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2								2.53	64.26				
		3								3.53	89.66				
	03	1		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2								2.53	64.26				
		3								3.53	89.66				
	04	1		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2								2.53	64.26				
		3								3.53	89.66				
05	1	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10				
	2					2.53	64.26								
	3					3.53	89.66								
20	01	1	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	02	1		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	03	1		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	04	1		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	05	1		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	06	1		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
22	01	1	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	02	1		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	03	1		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	04	1		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	05	1		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	06	1		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	07	1		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				

Table continued

STRAIGHT

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM								
24	01	1	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.53	38.86	1.25	31.75	1.20	30.48
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	02	1		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	03	1		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	04	1		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	05	1		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	06	1		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				
	07	1		1.13	28.58	1.25	31.75			1.53	38.86	1.63	41.40	1.90	48.26
		2								2.53	64.26				
		3								3.53	89.66				
		4								4.53	115.06				

90° & 45°

Amphenol Part Number

BV1	A	R	L	16	04	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	

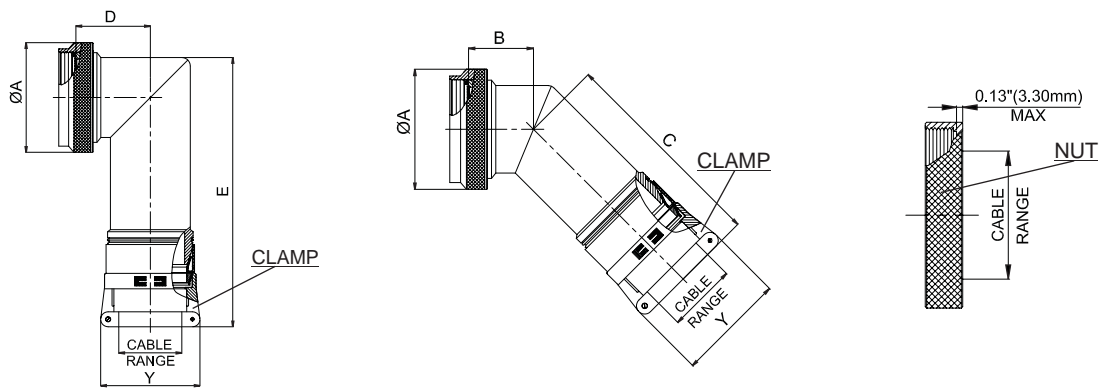


TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
16	01	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56

Table continued

90° & 45°

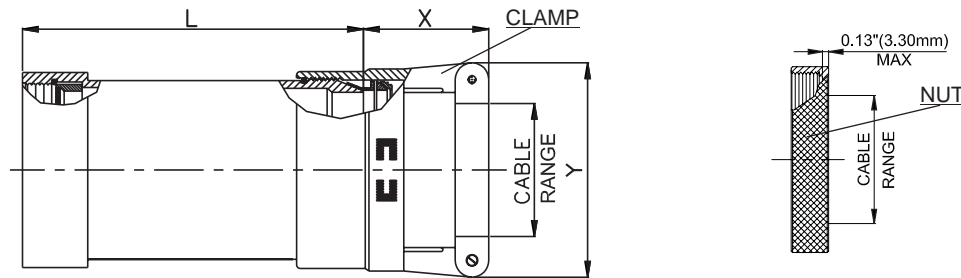
TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
18	01	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	17		1.00	25.40	1.13	28.58											1.75	44.45
24	01	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

STRAIGHT

Amphenol Part Number

BV1	S	R	M	12	02	1	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	
				INCH	MM	INCH	MM							
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81	
		2						2.53	64.26					
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64	
		2						2.53	64.26					
10	01	1		10	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2							2.53	64.26				
	02	1			0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2							2.53	64.26				
	03	1	0.25		6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
		2						2.53	64.26					
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64	
		2						2.53	64.26					
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
		2						2.53	64.26					
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
		2						2.53	64.26					
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64	
		2						2.53	64.26					
		3						3.53	89.66					
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
		2						2.53	64.26					
		3						3.53	89.66					

Table continued

STRAIGHT

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM		
				INCH	MM	INCH	MM								
14	03	1	14	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2						2.53	64.26						
		3						3.53	89.66						
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2						2.53	64.26						
		3						3.53	89.66						
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2						2.53	64.26						
		3						3.53	89.66						
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2						2.53	64.26						
		3						3.53	89.66						
	05	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2						2.53	64.26						
		3						3.53	89.66						
	18	01		1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
				2						2.53	64.26				
				3						3.53	89.66				
02		1	0.38	9.53		0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
03		1	0.50	12.70		0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2						2.53	64.26						
		3						3.53	89.66						
04		1	0.63	15.88		0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2						2.53	64.26						
		3						3.53	89.66						
05		1	0.75	19.05		0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10		
		2						2.53	64.26						
		3						3.53	89.66						

Table continued

STRAIGHT

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table continued

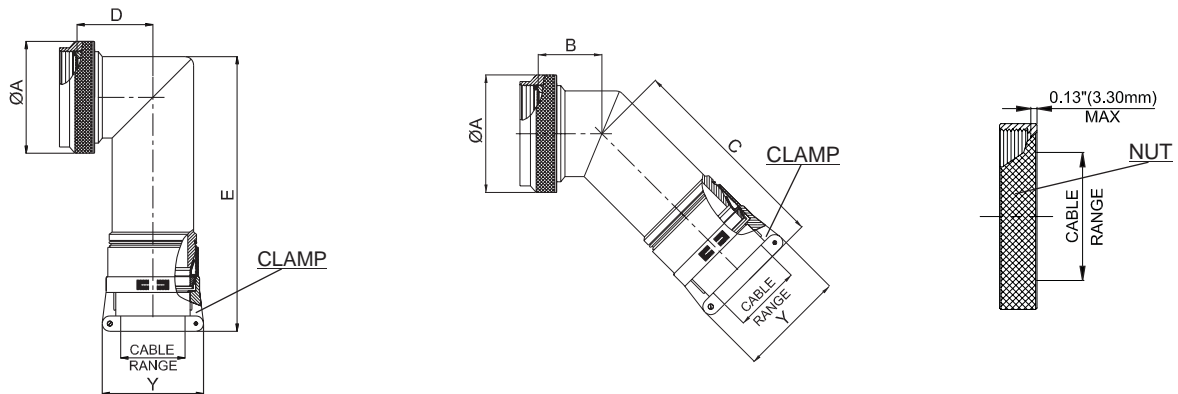
STRAIGHT

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
22	04	1	22	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
24	01	1	24	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

90° & 45°

Amphenol Part Number

BV1	B	R	M	20	06	9	C	N
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75

Table continued

90° & 45°

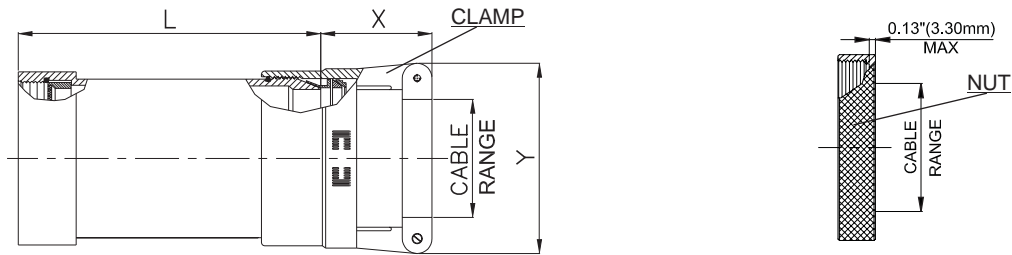
TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

STRAIGHT

Amphenol Part Number

BV1	S	R	N	10	03	1	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight	R: Spin D: Direct					C: Clamp N: Nut	



AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				

Table continued

STRAIGHT

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
14	03	1	14	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table continued

STRAIGHT

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
20	03	1	20	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table continued

STRAIGHT

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
24	01	1	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					
	02	1	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					
	03	1	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					
	04	1	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					
	05	1	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					
	06	1	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					
	07	1	1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75	
		2					2.53	64.26					
		3					3.53	89.66					
		4					4.53	115.06					

90° & 45°

Amphenol Part Number

BV1	B	R	N	18	05	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table B)	Entry Size (Table B)	9: Constant	End Clamp	Finish (Table 2, pg. 15)
	A: 90° B: 45°	R: Spin					C: Clamp N: Nut	

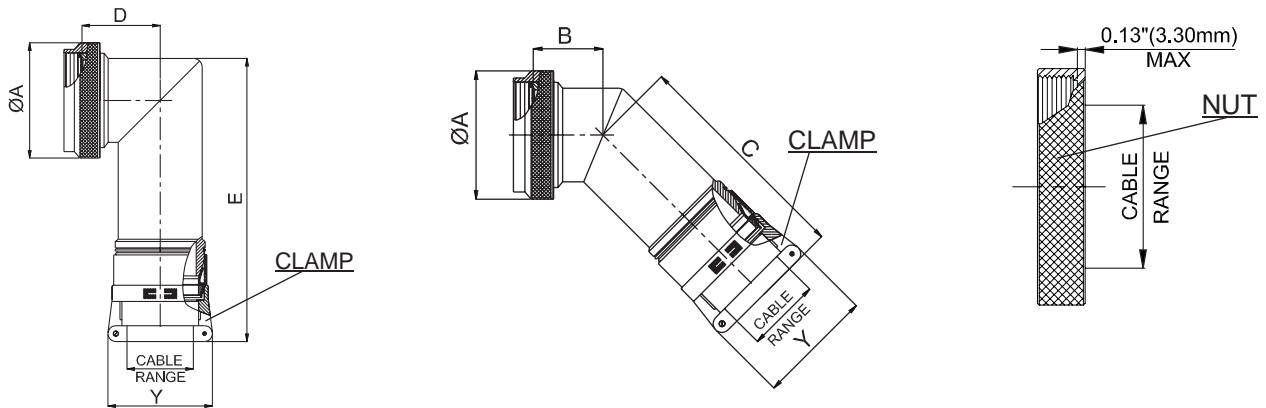


TABLE - B

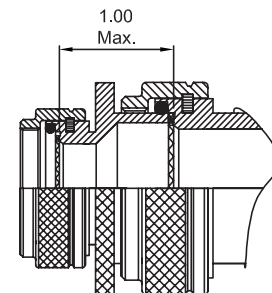
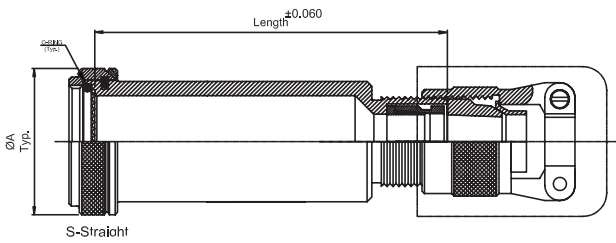
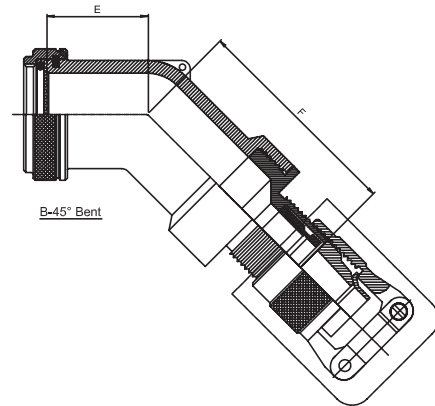
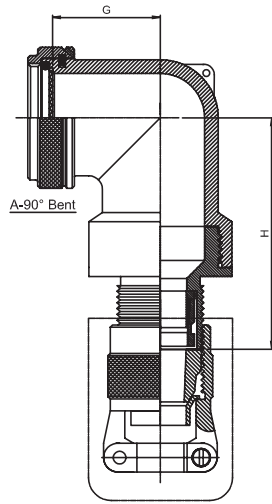
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75

Table continued

90° & 45°

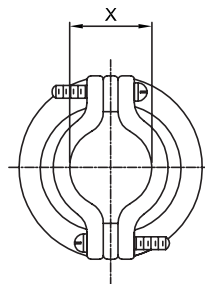
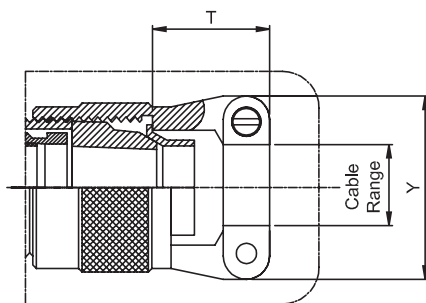
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

W/ STRAIN RELIEF; STRAIGHT; 90° & 45°

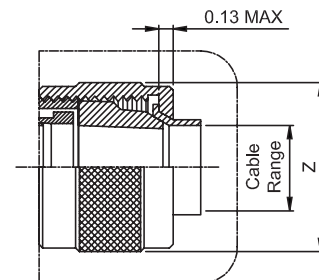


Style-2 (Note-2)

Style-C
Clamp Medium Duty (Table-C)



Style-N
Nut Medium Duty (Table-B)



STRAIGHT; 90° & 45°

BD1	X	X	X	99	99	9	X	X
Family Code	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Part # Constant	Length	Part # Constant	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock	J: MIL-DTL-5015 Crimp MIL-DTL-26482 Series II AA81703 Series III MIL-DTL-83723 Series III K: MIL-C-27599 Series I MIL-C-38999 Series I/II L: MIL-DTL-38999 Series III/IV M: EN3372 BS9522 F0012/PAT 615 JN1003 LN29729 NFS93422 HE306 PAN6433-2. VG96912 N: BS9522 F0017/PATT105 BS9522 N0001/PSTT 603 BS9522 F0090/PATT 608			Straight Only (1/2 inch increment e.g 6=3) Minimum order length; 1.0: Spin Coupling 1.5: Direct Coupling Omit for 90° & 45° Bent Backshell		

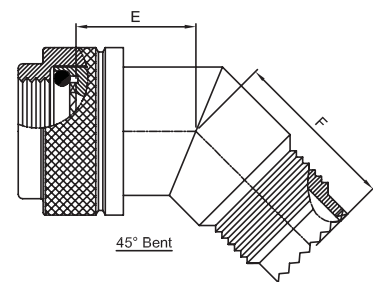
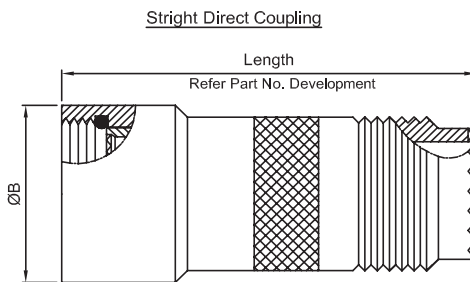
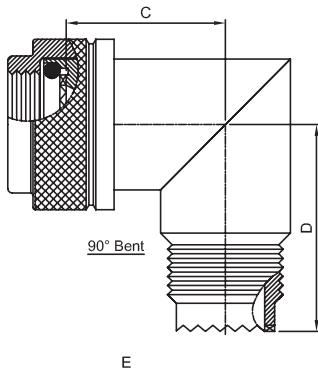


TABLE - A

Shell Size Designator	Shell Size Connector		ØA Max				ØB Max				ØC Max		ØD Max		ØE Max		ØF Max	
	J/K/N/M	L	J		K/N/M/L		J		K/N/M/L		INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM	INCH	MM	INCH	MM								
08	08	09	0.650	16.51	0.752	19.10	0.650	16.51	0.650	16.51	0.940	23.88	0.890	22.61	0.830	21.08	1.000	25.40
10	10	11	0.770	19.56	0.850	21.59	0.770	19.56	0.770	19.56	1.010	25.65	0.920	23.37	0.860	21.84	1.070	27.18
12	12	13	0.940	23.88	1.000	25.40	0.970	24.64	0.890	22.61	1.070	27.18	0.942	23.93	0.882	22.40	1.130	28.70
14	14	15	1.020	25.91	1.149	29.18	1.090	27.69	1.030	26.16	1.130	28.70	0.940	23.88	0.900	22.86	1.190	30.23
16	16	17	1.210	30.73	1.251	31.78	1.220	30.99	1.150	29.21	1.190	30.23	0.990	25.15	0.930	23.62	1.250	31.75
18	18	19	1.230	31.24	1.401	35.59	1.220	30.99	1.280	32.51	1.240	31.50	1.010	25.65	0.950	24.13	1.300	33.02
20	20	21	1.360	34.54	1.547	39.29	1.340	34.04	1.410	35.81	1.310	33.27	1.040	26.42	0.980	24.89	1.370	34.80
22	22	23	1.480	37.59	1.649	41.88	1.470	37.34	1.530	38.86	1.360	34.54	1.060	26.92	1.000	25.40	1.420	36.07
24	24	25	1.730	43.94	1.751	44.48	1.590	40.39	1.660	42.16	1.540	39.12	1.090	27.69	1.030	26.16	1.490	37.85

STRAIGHT

(Product Image see pg. 7-8)

Amphenol Part Number

BG1	S	S	J	28	999X	X
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	999X: Constant	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				

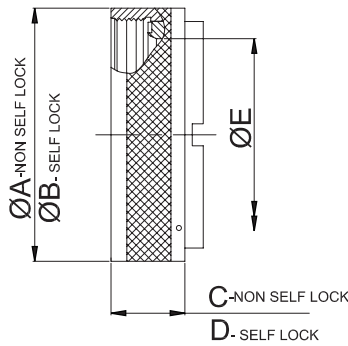
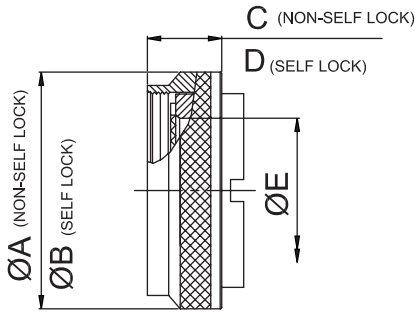


TABLE - A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	A DIA. (MAX)		B DIA. (MAX)		C (MAX)		D (MAX)		E (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8	0.62	15.67	0.89	22.48	0.54	13.72	0.71	18.03	0.27	6.86
10	10	0.73	18.64	1.01	25.65	0.54	13.72	0.71	18.03	0.38	9.53
12	7/12	0.86	21.79	1.14	28.83	0.54	13.72	0.71	18.03	0.51	12.98
14	12/14	0.98	24.99	1.26	32.00	0.54	13.72	0.71	18.03	0.59	14.86
16	19/16	1.11	28.24	1.39	35.18	0.54	13.72	0.71	18.03	0.71	18.03
18	27/18	1.22	30.94	1.51	38.35	0.54	13.72	0.71	18.03	0.79	20.04
20	37/20	1.35	34.16	1.64	41.53	0.54	13.72	0.71	18.03	0.91	23.22
22	22	1.47	37.29	1.76	44.70	0.54	13.72	0.71	18.03	1.04	26.39
24	24	1.59	40.46	1.89	47.88	0.54	13.72	0.71	18.03	1.15	29.31
28	28	1.97	50.01	2.14	54.23	0.70	17.83	0.89	22.61	1.39	35.28
32	32	2.22	56.36	2.40	60.83	0.70	17.83	0.89	22.61	1.64	41.53
36	36	2.47	62.71	2.64	66.93	0.70	17.83	0.89	22.61	1.85	46.99
40	40	2.72	69.06	2.89	73.28	0.70	17.83	0.89	22.61	2.07	52.45
44	44	2.97	75.41	3.14	79.63	0.70	17.83	0.89	22.61	2.32	58.93
48	48	3.22	81.76	3.39	85.98	0.70	17.83	0.89	22.61	2.57	65.28

STRAIGHT

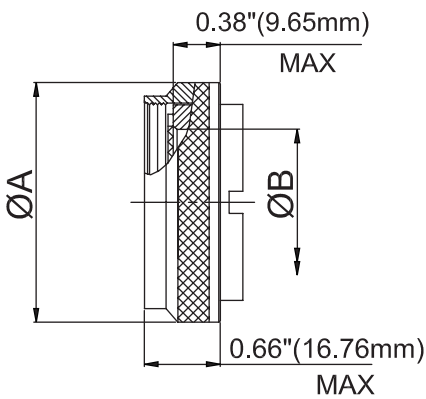


Amphenol Part Number

BG1	S	S	K	28	999X	X
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	999X: Constant	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE - II / I	A DIA. (MAX)		B DIA. (MAX)		C (MAX)		D (MAX)		E DIA. (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	0.86	21.82	0.54	13.72	0.59	14.99	0.27	6.86
10	10 / 11	0.85	21.59	0.98	24.99	0.54	13.72	0.59	14.99	0.41	10.41
12	12 / 13	1.00	25.40	1.16	29.36	0.54	13.72	0.59	14.99	0.53	13.46
14	14 / 15	1.10	27.94	1.28	32.54	0.54	13.72	0.59	14.99	0.65	16.51
16	16 / 17	1.25	31.75	1.41	35.71	0.54	13.72	0.59	14.99	0.78	19.81
18	18 / 19	1.40	35.56	1.52	38.51	0.54	13.72	0.59	14.99	0.88	22.35
20	20 / 21	1.50	38.10	1.64	41.68	0.54	13.72	0.59	14.99	1.01	25.65
22	22 / 23	1.65	41.91	1.77	44.86	0.54	13.72	0.59	14.99	1.13	28.70
24	24 / 25	1.75	44.45	1.89	48.03	0.54	13.72	0.59	14.99	1.26	32.00

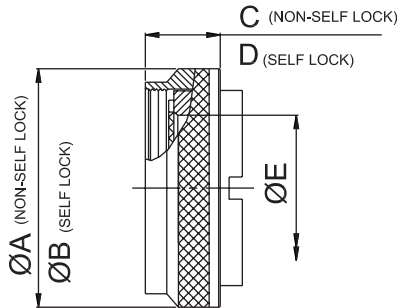
Amphenol Part Number



BG1	S	S	L	20#	999X	X
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	999X: Constant	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				

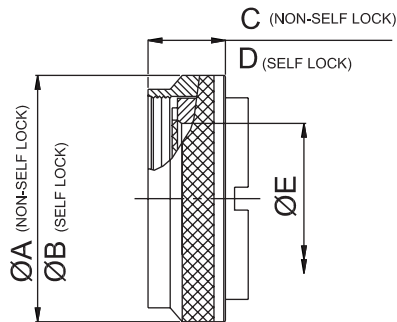
AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/CODE (REF.)	A DIA. (MAX)		B DIA. (MIN)	
		INCH	MM	INCH	MM
08	09 / A	0.86	21.79	0.26	6.71
10	11 / B	0.98	24.99	0.39	9.91
12	13 / C	1.16	29.39	0.50	12.80
14	15 / D	1.28	32.49	0.63	16.00
16	17 / E	1.41	35.71	0.76	19.20
18	19 / F	1.52	38.51	0.84	21.41
20	21 / G	1.64	41.71	0.97	24.64
22	23 / H	1.77	44.91	1.09	27.71
24	25 / J	1.89	47.98	1.22	30.91

STRAIGHT



Amphenol Part Number

BG1	S	S	M	14	999X	X
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	999X: Constant	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				



Amphenol Part Number

BG1	S	S	N	16	999X	X
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	999X: Constant	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin S: Self Lock				

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B DIA. (MAX)		C (MAX)		D (MAX)		E DIA. (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8	0.75	19.05	0.86	21.82	0.54	13.72	0.59	14.99	0.27	6.86
10	10	0.85	21.59	0.98	24.99	0.54	13.72	0.59	14.99	0.41	10.41
12	12	1.00	25.40	1.16	29.36	0.54	13.72	0.59	14.99	0.53	13.46
14	14	1.10	27.94	1.28	32.54	0.54	13.72	0.59	14.99	0.65	16.51
16	16	1.25	31.75	1.41	35.71	0.54	13.72	0.59	14.99	0.78	19.81
18	18	1.40	35.56	1.52	38.51	0.54	13.72	0.59	14.99	0.88	22.35
20	20	1.50	38.10	1.64	41.68	0.54	13.72	0.59	14.99	1.01	25.65
22	22	1.65	41.91	1.77	44.86	0.54	13.72	0.59	14.99	1.13	28.70
24	24	1.75	44.45	1.89	48.03	0.54	13.72	0.59	14.99	1.26	32.00

LAMP THREAD ADAPTER

STRAIGHT; 90° & 45°

(Product Image see pg. 7-8)

Amphenol Part Number

BP1	S	R	L	10	03	9	C	W
Series	Angle	Coupling	Connector Group (pg.10-14)	Shell Size (Table A)	Entry Size (Table A)	Length (Table A)	End Clamp	Finish (Table 2, pg. 15)
	S: Straight A: 90° B: 45°	R: Spin					C: Clamp N: Nut	

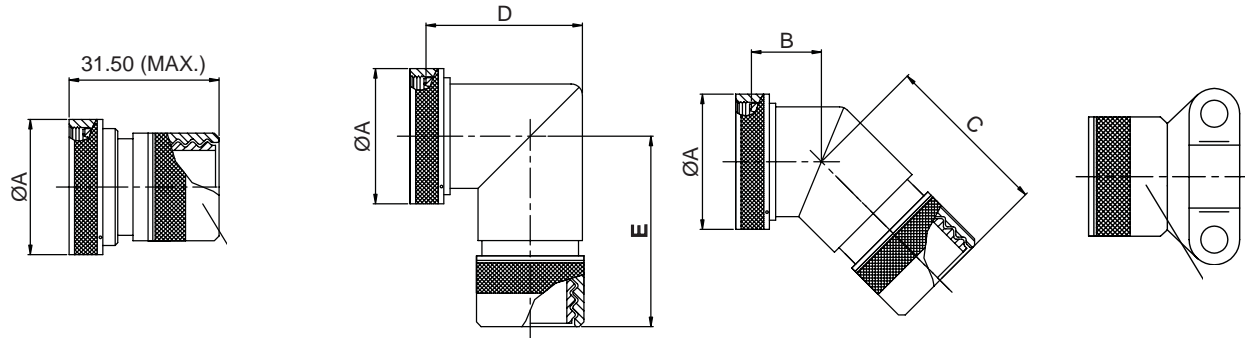


TABLE-A

AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8/9	0.75	19.05	0.75	19.05	0.89	22.61	0.88	22.35	1.00	25.40
10	10/11	0.89	22.61	0.78	19.81	0.92	23.37	0.96	24.38	1.06	26.92
12	7/12/13	1.00	25.40	0.81	20.57	0.94	23.88	1.00	25.40	1.12	28.45
14	12/14/15	1.13	28.70	0.83	21.08	0.96	24.38	1.07	27.18	1.16	29.46
16	19/16/17	1.25	31.75	0.86	21.84	0.98	24.89	1.13	28.70	1.23	31.24
18	27/18/19	1.36	34.54	0.88	22.35	1.00	25.40	1.18	29.97	1.27	32.26
20	37/20/21	1.48	37.59	0.91	23.11	1.02	25.91	1.25	31.75	1.33	33.78
22	22/23	1.60	40.64	0.93	23.62	1.05	26.67	1.31	33.27	1.39	35.31
24	24/25	1.72	43.69	0.94	23.88	1.08	27.43	1.36	34.54	1.45	36.83
28	28	2.00	50.80	1.04	26.42	1.25	31.75	1.48	37.59	1.69	42.93
32	32	2.25	57.15	1.09	27.69	1.30	33.02	1.61	40.89	1.81	45.97
36	36	2.50	63.50	1.14	28.96	1.35	34.29	1.72	43.69	1.92	48.77
40	40	4.13	104.90	4.01	101.85	2.76	70.10	4.13	104.90	2.88	73.15
44	44	4.13	104.90	4.01	101.85	2.88	73.15	4.13	104.90	3.00	76.20
48	48	4.13	104.90	4.01	101.85	3.00	76.20	4.13	104.90	3.12	79.25

TABLE-B

AMPHENOL PART NUMBER DESIGNATOR	ΦENTRY(INCH)	ΦENTRY(MM)
	+0.009 -0.018	+0.25 -0.50
01	0.125	3.18
02	0.250	6.35
03	0.375	9.53
04	0.500	12.70
05	0.625	15.88
06	0.750	19.05
07	0.875	22.23
08	1.000	25.40
09	1.126	28.60
10	1.250	31.75
11	1.378	35.00
12	1.500	38.10
13	1.750	44.45