390-004
Water-Tight EMI/RFI Cable Sealing Backshell
with Strain Relief
Type A - Direct Coupling - Low Profile

CONNECTOR DESIGNATORS
A-B*-C-D-E-F
G-H-J-K-L-S

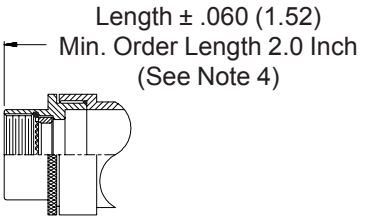
* Conn. Desig. B See Note 6

DIRECT COUPLING

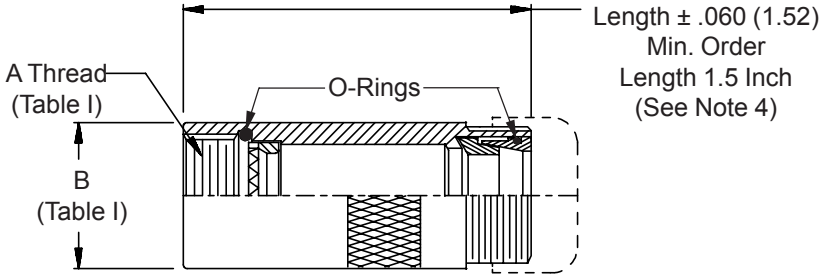
TYPE A OVERALL SHIELD TERMINATION

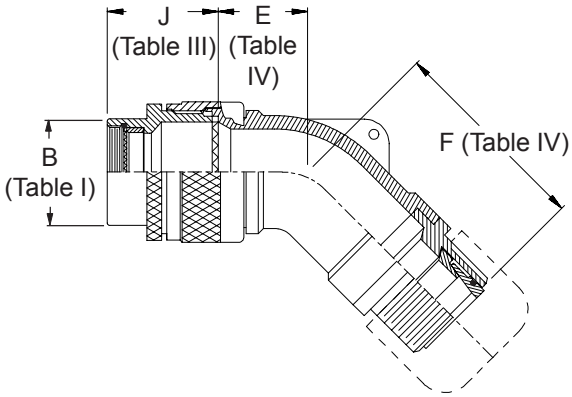
390 F S 004 M 16 10 E 6

- Product Series
- Connector Designator
- Angle and Profile
  - A = 90°
  - B = 45°
  - S = Straight
- Basic Part No.
- Length: S only (1/2 inch increments: e.g. 6 = 3 inches)
- Strain Relief Style (C, E)
- Cable Entry (Tables X, XI)
- Shell Size (Table I)
- Finish (Table II)

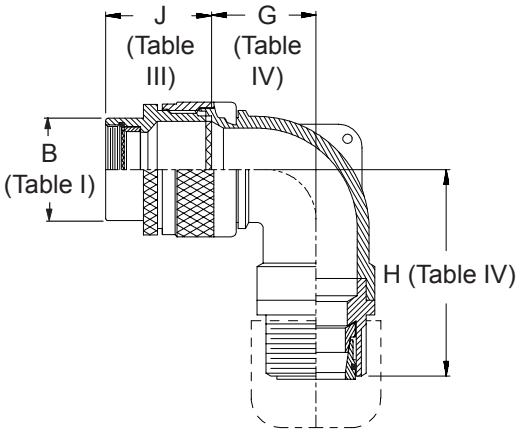


STYLE 2
(STRAIGHT
See Note 1)

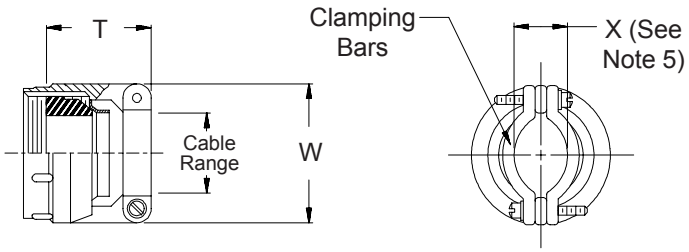


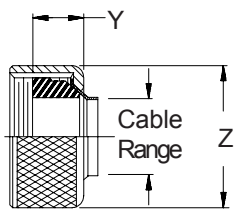


STYLE C
Medium Duty
(Table X)



STYLE E
Medium Duty
(Table XI)





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See inside back cover fold-out or pages 13 and 14 for Tables I and II.

TABLE III: FRONT ADAPTER

Shell Size	J Max - Conn. Designator A-D-E-F J-H-L-S	B-G-K	C
08/09	1.000(25.4)	1.250(31.8)	
10/11	1.000(25.4)	1.250(31.8)	
12/13	1.000(25.4)	1.250(31.8)	1.735(44.1)
14/15	1.000(25.4)	1.250(31.8)	1.915(48.6)
16/17	1.000(25.4)	1.416(36.0)	1.915(48.6)
18/19	1.000(25.4)	1.416(36.0)	1.915(48.6)
20/21	1.000(25.4)	1.416(36.0)	1.915(48.6)
22/23	1.000(25.4)	1.416(36.0)	1.915(48.6)
24/25	1.000(25.4)	1.416(36.0)	1.915(48.6)
28/29	1.000(25.4)	1.416(36.0)	1.915(48.6)
32/33	1.000(25.4)	1.416(36.0)	1.915(48.6)
36	1.000(25.4)	1.416(36.0)	1.915(48.6)
40	1.000(25.4)	1.687(42.9)	1.915(48.6)

TABLE IV: ELBOW DIMENSIONS

Dash No.	E Max	F Max	G Max	H Max
04	.630 (16.0)	1.250 (31.8)	.636 (16.2)	1.200 (30.5)
06	.630 (16.0)	1.250 (31.8)	.710 (18.0)	1.320 (33.5)
08	.692 (17.6)	1.312 (33.3)	.731 (18.6)	1.340 (34.0)
10	.755 (19.2)	1.655 (42.0)	.825 (21.0)	1.660 (42.2)
12	.848 (21.5)	1.765 (44.8)	.988 (25.1)	1.750 (44.5)
16	1.036 (26.3)	1.952 (49.6)	1.087 (27.6)	1.925 (48.9)
20	1.130 (28.7)	2.098 (53.3)	1.325 (33.7)	2.033 (51.6)
24	1.255 (31.9)	2.155 (54.7)	1.337 (34.0)	2.250 (57.2)
28	1.317 (33.5)	2.250 (57.2)	1.827 (46.4)	2.450 (62.2)
32	1.348 (34.2)	2.343 (59.5)	2.027 (51.5)	2.450 (62.2)

TABLE X: CABLE ENTRY

Dash No.	T Max	W Max	X Ref	Cable Range Min	Cable Range Max
03	1.219 (31.0)	.812 (20.6)	.135 (3.4)	.156 (4.0)	.219 (5.6)
04	1.219 (31.0)	.937 (23.8)	.203 (5.2)	.188 (4.8)	.312 (7.9)
06	1.219 (31.0)	1.062 (27.0)	.285 (7.2)	.281 (7.1)	.438 (11.1)
08	1.219 (31.0)	1.188 (30.2)	.350 (8.9)	.312 (7.9)	.531 (13.5)
10	1.281 (32.5)	1.312 (33.3)	.390 (9.9)	.375 (9.5)	.625 (15.9)
12	1.281 (32.5)	1.562 (39.7)	.460 (11.7)	.500 (12.7)	.750 (19.1)
16	1.406 (35.7)	1.750 (44.5)	.510 (13.0)	.625 (15.9)	.938 (23.8)
20	1.656 (42.1)	2.250 (57.2)	.695 (17.7)	.938 (23.8)	1.250 (31.8)
24	1.906 (48.4)	2.375 (60.3)	.715 (18.2)	1.000 (25.4)	1.375 (34.9)
28	1.906 (48.4)	2.625 (66.7)	.915 (23.2)	1.250 (31.8)	1.625 (41.3)
32	2.000 (50.8)	2.812 (71.4)	1.070 (27.2)	1.500 (38.1)	1.875 (47.6)

TABLE XI: CABLE ENTRY

Dash No.	Y Max	Z Max	Cable Range Min	Cable Range Max
03	.739 (18.8)	.812 (20.6)	.156 (4.0)	.219 (5.6)
04	.739 (18.8)	.937 (23.8)	.188 (4.8)	.312 (7.9)
06	.739 (18.8)	1.062 (27.0)	.281 (7.1)	.438 (11.1)
08	.739 (18.8)	1.188 (30.2)	.312 (7.9)	.531 (13.5)
10	.791 (20.1)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
12	.880 (22.4)	1.562 (39.7)	.500 (12.7)	.750 (19.1)
16	.901 (22.9)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
20	1.031 (26.2)	2.250 (57.2)	.938 (23.8)	1.250 (31.8)
24	1.250 (31.8)	2.375 (60.3)	1.000 (25.4)	1.375 (34.9)
28	1.250 (31.8)	2.625 (66.7)	1.250 (31.8)	1.625 (41.3)
32	1.312 (33.3)	2.812 (71.4)	1.500 (38.1)	1.875 (47.6)

1. When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. (Function S only).
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.
5. Saddles are bottomed on Clamp Ears.
6. When using Connector Designator B refer to pages 18 and 19 for part number development.

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