

390-005

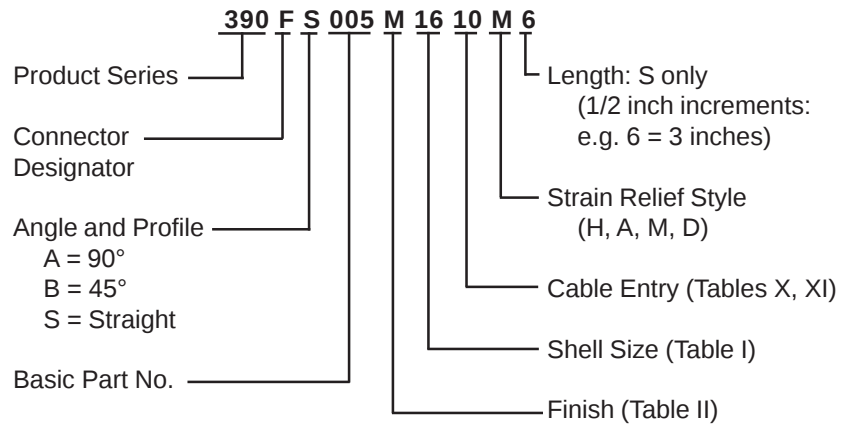
Submersible EMI/RFI Cable Sealing Backshell

with Strain Relief

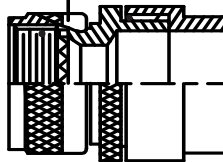
Type B - Rotatable Coupling - Low Profile

CONNECTOR DESIGNATORS **A-F-H-L-S** ROTATABLE COUPLING

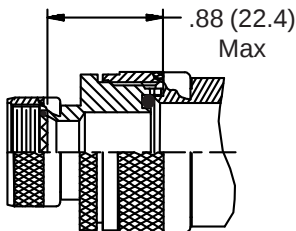
TYPE B INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION



Length $\pm .060$ (1.52)
Minimum Order Length 2.0 Inch
(See Note 4)



**STYLE 2
(STRAIGHT
See Note 1)**



**STYLE 2
(45° & 90°
See Note 1)**

A Thread
(Table I)

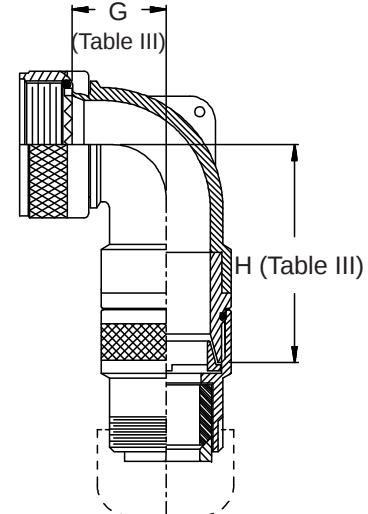
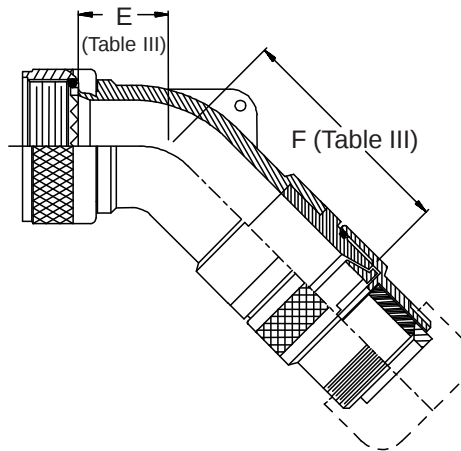
C Typ.
(Table I)

Length *

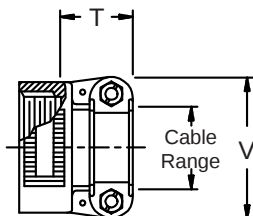
O-Rings

1.188 (30.2) Approx.

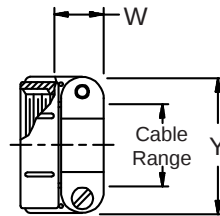
* Length
 $\pm .060$ (1.52)
Minimum Order
Length 1.5 Inch
(See Note 4)



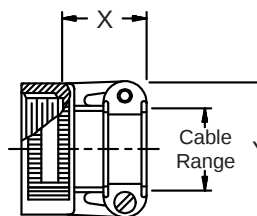
**STYLE H
Heavy Duty
(Table X)**



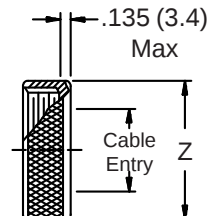
**STYLE A
Medium Duty
(Table XI)**



**STYLE M
Medium Duty
(Table XI)**



**STYLE D
Medium Duty
(Table XI)**



390-005
Submersible EMI/RFI Cable Sealing Backshell
with Strain Relief
Type B - Rotatable Coupling - Low Profile



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

TABLE III: ELBOW DIMENSIONS

Shell Size Conn. Desig. A-F-L-S H		E Max	F Max	G Max	H Max
08	09			.500 (12.7)	2.551 (64.8)
10	11	.520 (13.2)	2.601 (66.1)	.595 (15.1)	2.671 (67.8)
12	13	.582 (14.8)	2.661 (67.6)	.610 (15.5)	2.691 (68.4)
14	15	.645 (16.4)	3.091 (78.5)	.700 (17.8)	3.101 (78.8)
16	17	.738 (18.7)	3.201 (81.3)	.885 (22.5)	3.191 (81.1)
18	19	.926 (23.5)	3.391 (86.1)	.975 (24.8)	3.361 (85.4)
20	21	.926 (23.5)	3.391 (86.1)	.975 (24.8)	3.361 (85.4)
22	23	1.020 (25.9)	3.604 (91.5)	1.125 (28.6)	3.534 (89.8)
24	25	1.020 (25.9)	3.604 (91.5)	1.125 (28.6)	3.534 (89.8)
28		1.145 (29.1)	3.637 (92.4)	1.225 (31.1)	3.687 (93.6)
32		1.207 (30.7)	3.737 (94.9)	1.575 (40.0)	3.937 (100.0)
36		1.238 (31.4)	3.877 (98.5)	1.775 (45.1)	3.987 (101.3)

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
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. Interface O-Ring not supplied with connector designator A.

TABLE X: CABLE ENTRY

Dash No.	T Max	V Max	Cable Range	
			Min	Max
04	.780 (19.8)	.957 (24.3)	.125 (3.2)	.312 (7.9)
06	.780 (19.8)	1.145 (29.1)	.250 (6.4)	.437 (11.1)
08	.780 (19.8)	1.332 (33.8)	.387 (9.8)	.562 (14.3)
10	.780 (19.8)	1.332 (33.8)	.350 (8.9)	.625 (15.9)
12	.811 (20.6)	1.551 (39.4)	.500 (12.7)	.750 (19.1)
16	.905 (23.0)	1.770 (45.0)	.625 (15.9)	.937 (23.8)
20	1.092 (27.7)	2.113 (53.7)	.875 (22.2)	1.250 (31.8)
24	1.124 (28.5)	2.363 (60.0)	1.000 (25.4)	1.375 (34.9)
28	1.399 (35.5)	2.770 (70.4)	1.250 (31.8)	1.625 (41.3)
32	1.399 (35.5)	3.020 (76.7)	1.437 (36.5)	1.875 (47.6)

TABLE XI: CABLE ENTRY

Dash No.	W Max	X Max	Y Max	Z Max	Cable Range	
					Min	Max
03*	.437 (11.1)	.760 (19.3)	.843 (21.4)	.630 (16.0)	.156 (4.0)	.250 (6.4)
04*	.437 (11.1)	.760 (19.3)	.906 (23.0)	.755 (19.2)	.188 (4.8)	.312 (7.9)
06*	.500 (12.7)	.760 (19.3)	1.093 (27.8)	.942 (23.9)	.281 (7.1)	.438 (11.1)
08	.563 (14.3)	.760 (19.3)	1.187 (30.1)	1.067 (27.1)	.387 (9.8)	.562 (14.3)
10	.563 (14.3)	.760 (19.3)	1.281 (32.5)	1.192 (30.3)	.375 (9.5)	.625 (15.9)
12	.563 (14.3)	.760 (19.3)	1.500 (38.1)	1.380 (35.1)	.438 (11.1)	.750 (19.1)
16	.656 (16.7)	1.073 (27.3)	1.719 (43.7)	1.535 (39.0)	.625 (15.9)	.938 (23.8)
20	.656 (16.7)	1.323 (33.6)	2.062 (52.4)	1.848 (46.9)	.875 (22.2)	1.250 (31.8)
24	.656 (16.7)	1.323 (33.6)	2.312 (58.7)	2.255 (57.3)	1.000 (25.4)	1.375 (34.9)
28	1.188 (30.2)	1.572 (39.9)	2.719 (69.1)	2.505 (63.6)	1.250 (31.8)	1.625 (41.3)
32*	1.187 (30.1)	1.572 (39.9)	2.969 (75.4)	2.755 (70.0)	1.437 (36.5)	1.875 (47.6)
40*	1.125 (28.6)	1.572 (39.9)	3.531 (89.7)	3.255 (82.7)	1.875 (47.6)	2.375 (60.3)

* Not available in Style M clamp.