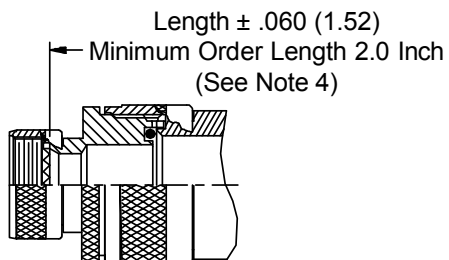
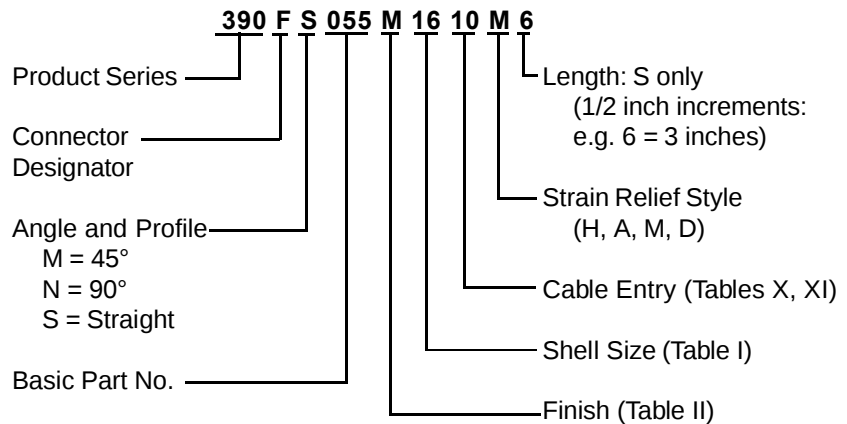


**CONNECTOR  
DESIGNATORS**

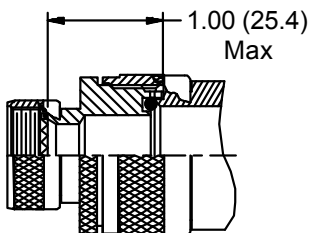
**A-F-H-L-S**

**SELF-LOCKING  
ROTATABLE  
COUPLING**

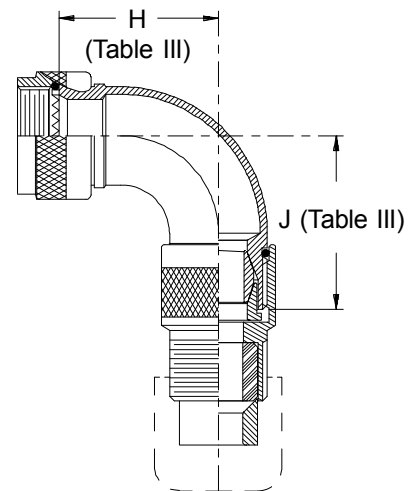
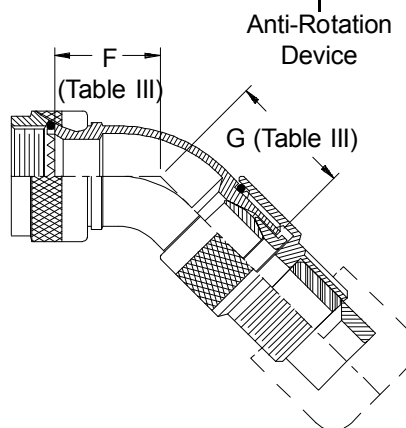
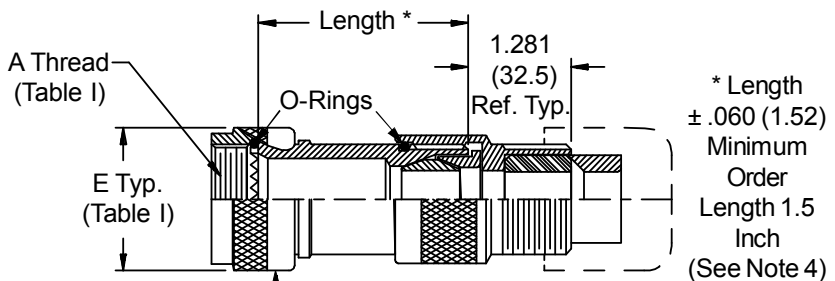
**TYPE F INDIVIDUAL  
AND/OR OVERALL  
SHIELD TERMINATION**



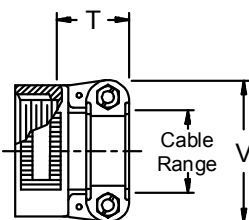
**STYLE 2  
(STRAIGHT  
See Note 1)**



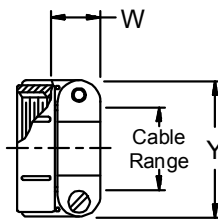
**STYLE 2  
(45° & 90°  
See Note 1)**



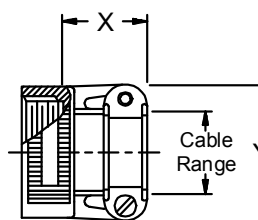
**STYLE H  
Heavy Duty  
(Table X)**



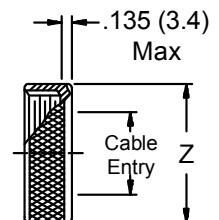
**STYLE A  
Medium Duty  
(Table XI)**



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



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



**390-055**  
**Submersible EMI/RFI Cable Sealing Backshell**  
with Strain Relief  
**Type F - Self-Locking Rotatable Coupling - Full Radius Profile**



**TABLE III: ELBOW DIMENSIONS**

| Shell Size<br>Conn. Desig.<br>A-F-L-S H |    | F<br>Max     | G<br>Max     | H<br>Max     | J<br>Max     |
|-----------------------------------------|----|--------------|--------------|--------------|--------------|
| 08                                      |    | .968 (24.6)  | 1.095 (27.8) | 1.281 (32.5) | 1.287 (32.7) |
| 10                                      | 11 | 1.031 (26.2) | 1.145 (29.1) | 1.406 (35.7) | 1.411 (35.8) |
| 12                                      |    | 1.094 (27.8) | 1.195 (30.4) | 1.531 (38.9) | 1.537 (39.0) |
| 14                                      | 15 | 1.156 (29.4) | 1.245 (31.6) | 1.656 (42.1) | 1.761 (44.7) |
| 16                                      |    | 1.218 (30.9) | 1.300 (33.0) | 1.781 (45.2) | 1.787 (45.4) |
| 18                                      | 19 | 1.250 (31.8) | 1.350 (34.3) | 1.906 (48.4) | 1.911 (48.5) |
| 20                                      |    | 1.312 (33.3) | 1.400 (35.6) | 2.031 (51.6) | 2.037 (51.7) |
| 22                                      | 23 | 1.344 (34.1) | 1.455 (37.0) | 2.156 (54.8) | 2.161 (54.9) |
| 24                                      |    | 1.406 (35.7) | 1.505 (38.1) | 2.281 (57.9) | 2.287 (58.1) |
| 28                                      |    | 1.594 (40.5) | 1.594 (10.5) | 2.594 (65.9) | 2.594 (65.9) |

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

**TABLE X: CABLE ENTRY**

| Dash<br>No. | T<br>Max     | V<br>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 (9.3)   | .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) |

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions F, G, H and J 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 XI: CABLE ENTRY**

| Dash<br>No. | W<br>Max     | X<br>Max     | Y<br>Max     | Z<br>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 (9.3)   | .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.