

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

**TYPE A OVERALL
 SHIELD TERMINATION**



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



**STYLE 2
 (45° & 90°
 See Note 1)**



**STYLE C
 Medium Duty
 (Table X)**



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



390-003
Water-Tight EMI/RFI Cable Sealing Backshell
 with Strain Relief
 Type A - 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 | | E | | F | | G | | H | |
|--------------|-----------|-------|--------|-------|--------|-------|--------|-------|--------|
| Conn. Desig. | A-F-L-S H | Max | | Max | | Max | | Max | |
| 08 | 09 | .457 | (11.6) | 1.602 | (40.7) | .500 | (12.7) | 1.612 | (40.9) |
| 10 | 11 | .520 | (13.2) | 1.662 | (42.2) | .595 | (15.1) | 1.732 | (44.0) |
| 12 | 13 | .582 | (14.8) | 1.722 | (43.7) | .610 | (15.5) | 1.752 | (44.5) |
| 14 | 15 | .645 | (16.4) | 2.062 | (52.4) | .700 | (17.8) | 2.072 | (52.6) |
| 16 | 17 | .738 | (18.7) | 2.172 | (55.2) | .885 | (22.5) | 2.162 | (54.9) |
| 18 | 19 | .926 | (23.5) | 2.362 | (60.0) | .975 | (24.8) | 2.332 | (59.2) |
| 20 | 21 | .926 | (23.5) | 2.362 | (60.0) | .975 | (24.8) | 2.332 | (59.2) |
| 22 | 23 | 1.020 | (25.9) | 2.512 | (63.8) | 1.125 | (28.6) | 2.442 | (62.0) |
| 24 | 25 | 1.020 | (25.9) | 2.512 | (63.8) | 1.125 | (28.6) | 2.442 | (62.0) |
| 28 | | 1.145 | (29.1) | 2.562 | (65.1) | 1.225 | (31.1) | 2.612 | (66.3) |
| 32 | | 1.207 | (30.7) | 2.662 | (67.6) | 1.575 | (40.0) | 2.862 | (72.7) |
| 36 | | 1.238 | (31.4) | 2.752 | (69.9) | 1.775 | (45.1) | 2.862 | (72.7) |

TABLE X: CABLE ENTRY

| Dash No. | T Max | W Max | X Ref | Cable Range | |
|----------|--------------|--------------|--------------|--------------|--------------|
| | | | | Min | 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 | 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) |

- 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.
- Metric dimensions (mm) are indicated in parentheses.
- Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
- Consult factory for shorter lengths on straight backshells.
- Interface O-Ring not supplied with connector designator A.
- Saddles are bottomed on Clamp Ears.