

**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)



-445 Now Available with the "NESTOR"
 Glenair's Non-Detent, Spring-Loaded, Self-Locking Coupling.
 Add "-445" to Specify This AS85049 Style "N" Coupling Interface.

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



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



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



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



390-001
Submersible EMI/RFI Cable Sealing Backshell
with Strain Relief
Type A - Rotatable Coupling - Low Profile



TABLE III: ELBOW DIMENSIONS

| Shell Size | | E Max | F Max | G Max | H Max |
|--------------|-----------|--------------|--------------|--------------|--------------|
| Conn. Desig. | A-F-L-S H | | | | |
| 08 | 09 | .457 (11.6) | 1.760 (44.7) | .500 (12.7) | 1.880 (47.8) |
| 10 | 11 | .520 (13.2) | 1.920 (48.8) | .595 (15.1) | 1.990 (50.5) |
| 12 | 13 | .582 (14.8) | 1.990 (50.5) | .610 (15.5) | 2.020 (51.3) |
| 14 | 15 | .645 (16.4) | 2.144 (54.5) | .700 (17.8) | 2.154 (54.7) |
| 16 | 17 | .738 (18.7) | 2.254 (57.3) | .885 (22.5) | 2.244 (57.0) |
| 18 | 19 | .926 (23.5) | 2.444 (62.1) | .975 (24.8) | 2.414 (61.3) |
| 20 | 21 | .926 (23.5) | 2.444 (62.1) | .975 (24.8) | 2.414 (61.3) |
| 22 | 23 | 1.020 (25.9) | 2.657 (67.5) | 1.125 (28.6) | 2.587 (65.7) |
| 24 | 25 | 1.020 (25.9) | 2.657 (67.5) | 1.125 (28.6) | 2.587 (65.7) |
| 28 | | 1.145 (29.1) | 2.690 (68.3) | 1.225 (31.1) | 2.740 (69.6) |
| 32 | | 1.207 (30.7) | 2.790 (70.9) | 1.575 (40.0) | 2.990 (75.9) |
| 36 | | 1.238 (31.4) | 2.930 (74.4) | 1.775 (45.1) | 3.040 (77.2) |

- 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.

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) |

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

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.