390-056
Submersible EMI/RFI Cable Sealing Backshell
with Strain Relief
Type E - Rotatable Coupling - Low Profile

CONNECTOR DESIGNATORS
A-F-H-L-S

ROTATABLE COUPLING

TYPE E INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION

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

390 F S 056 M 16 10 D M 6

Length ± .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)

STYLE H
Heavy Duty
(Table X)

STYLE A
Medium Duty
(Table XI)

STYLE M
Medium Duty
(Table XI)

STYLE D
Medium Duty
(Table XI)

Length *
1.281
(32.5)
Ref. Typ.

* Length
± .060 (1.52)
Minimum Order
Length 1.5 Inch
(See Note 4)

.88 (22.4)
Max

.135 (3.4)
Max

.88 (22.4)
Max

© 2005 Glenair, Inc.

CAGE Code 06324
Printed in U.S.A.
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.

6. Designate Symbol T for 3 ring termination of individual and overall braid. Designate D for standard 2 ring termination of individual or overall braid.

---

**TABLE III: ELBOW DIMENSIONS**

<table>
<thead>
<tr>
<th>Dash No.</th>
<th>T Max</th>
<th>V Max</th>
<th>Cable Range</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>.780</td>
<td>.957</td>
<td>.125</td>
<td>.312</td>
<td>(7.9)</td>
</tr>
<tr>
<td>06</td>
<td>.780</td>
<td>1.145</td>
<td>.250</td>
<td>.437</td>
<td>(11.1)</td>
</tr>
<tr>
<td>08</td>
<td>.780</td>
<td>1.332</td>
<td>.387</td>
<td>.562</td>
<td>(14.3)</td>
</tr>
<tr>
<td>10</td>
<td>.811</td>
<td>1.551</td>
<td>.500</td>
<td>.750</td>
<td>(19.1)</td>
</tr>
<tr>
<td>16</td>
<td>.905</td>
<td>1.770</td>
<td>.625</td>
<td>.937</td>
<td>(23.8)</td>
</tr>
<tr>
<td>20</td>
<td>1.092</td>
<td>2.113</td>
<td>.875</td>
<td>1.250</td>
<td>(31.8)</td>
</tr>
<tr>
<td>24</td>
<td>1.124</td>
<td>2.363</td>
<td>1.000</td>
<td>1.375</td>
<td>(34.9)</td>
</tr>
<tr>
<td>28</td>
<td>1.399</td>
<td>3.200</td>
<td>1.250</td>
<td>1.625</td>
<td>(41.3)</td>
</tr>
<tr>
<td>32</td>
<td>1.399</td>
<td>3.020</td>
<td>1.437</td>
<td>1.875</td>
<td>(47.6)</td>
</tr>
</tbody>
</table>

---

**TABLE X: CABLE ENTRY**

<table>
<thead>
<tr>
<th>Dash No.</th>
<th>W Max</th>
<th>X Max</th>
<th>Y Max</th>
<th>Z Max</th>
<th>Cable Range</th>
<th>Min **</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>.437</td>
<td>.760</td>
<td>.843</td>
<td>.630</td>
<td>.156</td>
<td>.250</td>
<td>(6.4)</td>
</tr>
<tr>
<td>04</td>
<td>.437</td>
<td>.760</td>
<td>.906</td>
<td>.755</td>
<td>.188</td>
<td>.312</td>
<td>(7.9)</td>
</tr>
<tr>
<td>06</td>
<td>.500</td>
<td>.760</td>
<td>1.093</td>
<td>.942</td>
<td>.281</td>
<td>.438</td>
<td>(11.1)</td>
</tr>
<tr>
<td>08</td>
<td>.563</td>
<td>.760</td>
<td>1.187</td>
<td>1.067</td>
<td>.387</td>
<td>.562</td>
<td>(14.3)</td>
</tr>
<tr>
<td>10</td>
<td>.563</td>
<td>.760</td>
<td>1.281</td>
<td>1.192</td>
<td>.375</td>
<td>.625</td>
<td>(15.9)</td>
</tr>
<tr>
<td>12</td>
<td>.563</td>
<td>.760</td>
<td>1.500</td>
<td>1.380</td>
<td>.438</td>
<td>.750</td>
<td>(19.1)</td>
</tr>
<tr>
<td>16</td>
<td>.656</td>
<td>1.073</td>
<td>1.719</td>
<td>1.535</td>
<td>.625</td>
<td>.936</td>
<td>(23.8)</td>
</tr>
<tr>
<td>20</td>
<td>.656</td>
<td>1.323</td>
<td>2.062</td>
<td>1.848</td>
<td>.875</td>
<td>1.250</td>
<td>(31.8)</td>
</tr>
<tr>
<td>24</td>
<td>.656</td>
<td>1.323</td>
<td>2.312</td>
<td>2.255</td>
<td>1.000</td>
<td>1.375</td>
<td>(34.9)</td>
</tr>
<tr>
<td>28</td>
<td>1.188</td>
<td>3.020</td>
<td>2.969</td>
<td>2.755</td>
<td>1.437</td>
<td>1.875</td>
<td>(47.6)</td>
</tr>
<tr>
<td>32</td>
<td>1.125</td>
<td>3.531</td>
<td>3.255</td>
<td>2.827</td>
<td>1.875</td>
<td>2.375</td>
<td>(60.3)</td>
</tr>
</tbody>
</table>

* Not available in Style M clamp.