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

**ROTATABLE COUPLING**

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**447-425**

**EMI/RFI Non-Environmental Band-in-a-Can Backshell**

with Cable Clamp Strain-Relief

Rotatable Coupling - Standard Profile

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**Product Series**

**Connector Designator**

**Angle and Profile**
- H = 45°
- J = 90°
- S = Straight

**Basic Part No.**

**Finish (Table II)**

**Cable Entry (Table IV)**

**Shell Size (Table I)**

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**STYLE 2**

STRAIGHT
(See Note 1)

- Length ± .060 (1.52)
- Min. Order Length 2.5 inch

- .88 (22.4) Max

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**STYLE 2**

(45° & 90°
See Note 1)

- Termination Area
  Free of Cadmium
  Knurl or Ridges
  Mfr’s Option

- Band Option
  (K Option Shown -
  See Note 4)

- Polysulfide Stripes
  P Option

- **Length ± .060 (1.52)**
  Min. Order Length 2.0 inch
  (Note 3)

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**447 F S 425 NF 16 12-8 K P**

- B = Band
- K = Precoiled Band
  (Omit for none)

- Length: S only
  (1/2 inch increments,
  e.g. 8 = 4.000 inches)

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**CAGE Code 06324**

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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. Consult factory for shorter lengths on straight backshells.
4. Backshells supplied with 600-052-* band, see Glenair Series 600 Tool Catalog for installation.

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

### TABLE III: ELBOW DIMENSIONS

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>Conn. Desig.</th>
<th>E Max</th>
<th>F Max</th>
<th>G Max</th>
<th>H Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-F-L-S</td>
<td>H</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08 09</td>
<td>.639 (16.2)</td>
<td>1.380 (35.1)</td>
<td>.750 (19.1)</td>
<td>1.500 (38.1)</td>
<td></td>
</tr>
<tr>
<td>10 11</td>
<td>.664 (16.9)</td>
<td>1.410 (35.8)</td>
<td>.810 (20.6)</td>
<td>1.550 (39.4)</td>
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</tr>
<tr>
<td>12 13</td>
<td>.688 (17.5)</td>
<td>1.430 (36.3)</td>
<td>.870 (22.1)</td>
<td>1.610 (40.9)</td>
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</tr>
<tr>
<td>14 15</td>
<td>.705 (17.9)</td>
<td>1.460 (37.1)</td>
<td>.920 (23.4)</td>
<td>1.680 (42.7)</td>
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</tr>
<tr>
<td>16 17</td>
<td>.732 (18.6)</td>
<td>1.480 (37.6)</td>
<td>.980 (24.9)</td>
<td>1.740 (44.2)</td>
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<tr>
<td>18 19</td>
<td>.748 (19.0)</td>
<td>1.490 (37.8)</td>
<td>1.020 (25.9)</td>
<td>1.760 (44.7)</td>
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<tr>
<td>20 21</td>
<td>.773 (19.6)</td>
<td>1.510 (38.4)</td>
<td>1.080 (27.4)</td>
<td>1.820 (46.2)</td>
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<tr>
<td>22 23</td>
<td>.800 (20.3)</td>
<td>1.550 (39.4)</td>
<td>1.140 (29.0)</td>
<td>1.900 (48.3)</td>
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</tr>
<tr>
<td>24 25</td>
<td>.823 (20.9)</td>
<td>1.580 (40.1)</td>
<td>1.200 (30.5)</td>
<td>1.970 (50.0)</td>
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</tr>
</tbody>
</table>

### TABLE IV: CABLE ENTRY

<table>
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<tr>
<th>Dash No.</th>
<th>±.030 (5.6)</th>
<th>±.050 (8)</th>
<th>L Max</th>
<th>Cable Range</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min</td>
</tr>
<tr>
<td>10</td>
<td>.220</td>
<td>1.000 (25.4)</td>
<td>.130 (3.3)</td>
<td>.250 (6.4)</td>
</tr>
<tr>
<td>12</td>
<td>.310</td>
<td>1.250 (31.8)</td>
<td>.250 (6.4)</td>
<td>.380 (9.7)</td>
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<tr>
<td>14</td>
<td>.440</td>
<td>1.340 (34.0)</td>
<td>.310 (7.9)</td>
<td>.440 (11.2)</td>
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<tr>
<td>16</td>
<td>.560</td>
<td>1.470 (37.3)</td>
<td>.375 (9.5)</td>
<td>.630 (16.0)</td>
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<tr>
<td>18</td>
<td>.630</td>
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<td>.560 (14.2)</td>
<td>.690 (17.5)</td>
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<tr>
<td>20</td>
<td>.750</td>
<td>1.620 (41.1)</td>
<td>.630 (16.0)</td>
<td>.750 (19.1)</td>
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<tr>
<td>22</td>
<td>.880</td>
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<td>.750 (19.1)</td>
<td>.880 (22.4)</td>
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<tr>
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<td>.880 (22.4)</td>
<td>1.000 (25.4)</td>
</tr>
<tr>
<td>28</td>
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<td>1.000 (25.4)</td>
<td>1.130 (28.7)</td>
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<tr>
<td>32</td>
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<td>1.250 (31.8)</td>
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