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Jameco Part Number 614029

## Shielded Cable Clamps

### Straight Exit RFI/EMI Shields for Jacketed Cable (Two-Piece)

This RFI/EMI shield allows cable to be fully prepared and terminated to the connector before the shield is installed. During installation, the shield of the jacketed cable is folded back and compressed into the cable opening of the RFI/EMI shield. For greater cable support and/or shielding effectiveness, split-ring and crimp ferrules are available (pages 148-150).

#### Material and Finish:

**Die Cast Shield**—Zinc alloy, plated bright nickel over bright copper

**Metal-Plated Plastic Shield**—Thermoplastic, plated nickel over copper

**4-40 Fillister Head Screws and Hex Nuts**—Steel, zinc plated

**4-40 Mounting Screws**—Steel, zinc plated

**Jackscrows**—Stainless steel, passivated

#### Related Product Data:

**Ferrules**—pages 148-150

**Connectors used with:**

**HDE Metal-Shell**—pages 119 & 120

**HDP Metal-Shell (Tin plated only)**—pages 95-107

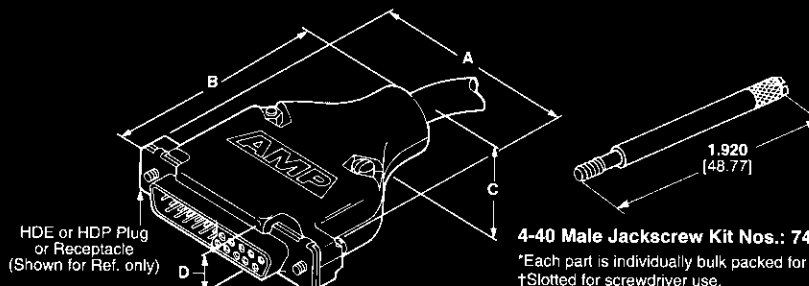
**Other accessory capabilities:**

**Spring Latch (Two-Piece)**—page 157

#### Technical Documents:

**Product Specification**—108-40032

**Instruction Sheet**—408-6609



**4-40 Male Jackscrew Kit Nos.: 747784-8 (bulk packed)\*\*†**

\*Each part is individually bulk packed for multiple kit orders.

†Slotted for screwdriver use.

| Shell Size | Dimensions     |                |                 |                 | Cable O.D. (Max.) | Die Cast Shield Kit Numbers | Metal-Plated Plastic Shield Kit Numbers | Grommet Sets            |                         |             |
|------------|----------------|----------------|-----------------|-----------------|-------------------|-----------------------------|-----------------------------------------|-------------------------|-------------------------|-------------|
|            | A              | B              | C               | D               |                   |                             |                                         | Cable O.D. Range        | No. of Grommets Per Set | Part Number |
| 1          | 1.215<br>30.86 | 1.910<br>48.51 | .550**<br>13.97 | .620**<br>15.75 | .200<br>5.08      | 745171-2                    | 745854-5                                | —                       | —                       | —           |
|            |                |                |                 |                 | .250<br>6.35      | 745171-1                    | 745854-3                                | —                       | —                       | —           |
|            |                |                |                 |                 | .370<br>9.40      | 745171-5                    | 745854-1                                | .185-.320<br>4.70-8.13  | 4                       | 747746-1    |
|            |                |                |                 |                 | .225<br>5.72      | 745172-3                    | 747099-7                                | —                       | —                       | —           |
| 2          | 1.545<br>39.24 | 1.910<br>48.51 | .620<br>15.75   | .620<br>15.75   | .300<br>7.62      | 745172-2                    | 747099-5                                | —                       | —                       | —           |
|            |                |                |                 |                 | .375<br>9.53      | 745172-1                    | 747099-3                                | .185-.320<br>4.70-8.13  | 4                       | 747746-1    |
|            |                |                |                 |                 | .430<br>10.92     | 1-745172-3                  | 747099-1                                | —                       | —                       | —           |
|            |                |                |                 |                 | .280<br>7.11      | 745173-5                    | 745833-9                                | —                       | —                       | —           |
| 3          | 2.090<br>53.09 | 1.920<br>48.77 | .680<br>17.27   | .620**<br>15.75 | .350<br>8.89      | 745173-4                    | 745833-7                                | —                       | —                       | —           |
|            |                |                |                 |                 | .430<br>10.92     | 745173-3                    | 745833-5                                | —                       | —                       | —           |
|            |                |                |                 |                 | .480<br>12.19     | 745173-2                    | 745833-3                                | —                       | —                       | —           |
|            |                |                |                 |                 | .530<br>13.46     | 745173-1                    | 745833-1                                | .255-.470<br>6.48-11.94 | 6                       | 747973-1    |
| 4          | 2.738<br>69.55 | 1.920<br>48.77 | .800<br>20.32   | .620<br>15.75   | .350<br>8.89      | 745174-5                    | 747100-9                                | —                       | —                       | —           |
|            |                |                |                 |                 | .425<br>10.80     | 745174-4                    | 747100-7                                | —                       | —                       | —           |
|            |                |                |                 |                 | .500<br>12.70     | 745174-3                    | 747100-5                                | —                       | —                       | —           |
|            |                |                |                 |                 | .530<br>13.46     | 2-745174-7                  | 1-747100-1                              | .255-.470<br>6.48-11.94 | 6                       | 747973-1    |
| 5          | 2.644<br>67.16 | 1.920<br>48.77 | .900<br>22.86   | .730<br>18.55   | .575<br>14.61     | 745174-2                    | 747100-3                                | —                       | —                       | —           |
|            |                |                |                 |                 | .650<br>16.51     | 745174-1                    | 747100-1                                | —                       | —                       | —           |
|            |                |                |                 |                 | .375<br>9.53      | 745175-6                    | —                                       | —                       | —                       | —           |
|            |                |                |                 |                 | .450<br>11.43     | 745175-5                    | —                                       | —                       | —                       | —           |
| 6          | 2.644<br>67.16 | 1.920<br>48.77 | .900<br>22.86   | .730<br>18.55   | .525<br>13.34     | 745175-4                    | —                                       | .255-.470<br>6.48-11.94 | 6                       | 747973-1    |
|            |                |                |                 |                 | .600<br>15.24     | 745175-3                    | —                                       | —                       | —                       | —           |
|            |                |                |                 |                 | .675<br>17.15     | 745175-2                    | —                                       | —                       | —                       | —           |
|            |                |                |                 |                 | .750<br>19.05     | 745175-1                    | 747098-1                                | —                       | —                       | —           |

### Cable Clamp Kits with Grommets

| Shell Size | Dimensions     |                |                 |                 | Cable O.D. Range        | No. of Grommets Per Set | Kit Numbers                   |                                           |
|------------|----------------|----------------|-----------------|-----------------|-------------------------|-------------------------|-------------------------------|-------------------------------------------|
|            | A              | B              | C               | D               |                         |                         | Die Cast Shield With Grommets | Metal-Plated Plastic Shield With Grommets |
| 1          | 1.215<br>30.86 | 1.910<br>48.51 | .550**<br>13.97 | .620**<br>15.75 | .185-.320<br>4.70-8.13  | 4                       | 748676-1                      | 748677-1                                  |
| 2          | 1.545<br>39.24 | 1.910<br>48.51 | .620<br>15.75   | .620<br>15.75   | .185-.320<br>4.70-8.13  | 4                       | 748676-2                      | 748677-2                                  |
| 3          | 2.090<br>53.09 | 1.920<br>48.77 | .680<br>17.27   | .620**<br>15.75 | .255-.470<br>6.48-11.94 | 6                       | 748676-3                      | 748677-3                                  |
| 4          | 2.738<br>69.55 | 1.920<br>48.77 | .800<br>20.32   | .620<br>15.75   | .255-.470<br>6.48-11.94 | 6                       | 748676-4                      | 748677-4                                  |
| 5          | 2.644<br>67.16 | 1.920<br>48.77 | .900<br>22.86   | .730<br>18.54   | .255-.470<br>6.48-11.94 | 6                       | 748676-5                      | 748677-5                                  |

**Notes:** 1. All parts are packaged unassembled.  
2. Jackscrews must be purchased separately.  
3. Split-ring and crimp ferrules are shown on pages 148-150.  
4. Shielded cable clamps will not accept connector housings with clinch nuts.

\*\* The following dimensions apply to metal-plated plastic cable clamps: Size 1: C = .570 [14.48], D = .630 [16.0]  
Size 3: D = .640 [16.26]