

# Flexible Cord Connectors

## Strain Relief - Steel

### Features

- Grommets enhance sealing for additional protection
- Provides excellent strain relief
- For indoor and outdoor use
- Prevents cable pullout

### Application

- Provides tight seal against elemental damage

### Standard Material

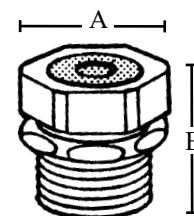
- Steel

### Standard Finish

- Zinc plated



E148715



| Catalog Number  | UPC   | Size        | Grommet Color | Cable Range  | Unit Carton | Ship Case | Inches Height/Case | A    | B     |
|-----------------|-------|-------------|---------------|--------------|-------------|-----------|--------------------|------|-------|
| <b>50A250</b>   | 10080 | <b>1/2"</b> | Red           | .15" - .25"  | ---         | 25        | 3                  | .975 | 1.937 |
| <b>50A350</b>   | 10090 | <b>1/2"</b> | White         | .25" - .35"  | ---         | 25        | 3                  | .975 | 1.937 |
| <b>50A450</b>   | 10100 | <b>1/2"</b> | Blue          | .35" - .45"  | ---         | 25        | 3                  | .975 | 1.937 |
| <b>50A560</b>   | 10110 | <b>1/2"</b> | Green         | .45" - .56"  | ---         | 25        | 3                  | .975 | 1.937 |
| <b>50A650</b>   | 10120 | <b>1/2"</b> | Brown         | .55" - .65"  | ---         | 25        | 3                  | .975 | 1.937 |
| <b>75A250</b>   | 10250 | <b>3/4"</b> | Red           | .15" - .25"  | ---         | 25        | 3                  | 1.22 | 1.937 |
| <b>75A350</b>   | 10260 | <b>3/4"</b> | White         | .25" - .35"  | ---         | 25        | 3                  | 1.22 | 1.937 |
| <b>75A450</b>   | 10270 | <b>3/4"</b> | Blue          | .35" - .45"  | ---         | 25        | 3                  | 1.22 | 1.937 |
| <b>75A560</b>   | 10280 | <b>3/4"</b> | Green         | .45" - .56"  | ---         | 25        | 3                  | 1.22 | 1.937 |
| <b>75A650</b>   | 10290 | <b>3/4"</b> | Brown         | .55" - .65"  | ---         | 25        | 3                  | 1.22 | 1.937 |
| <b>75B750</b>   | 10300 | <b>3/4"</b> | Yellow        | .65" - .75"  | ---         | 25        | 3                  | 1.22 | 1.562 |
| <b>75B850</b>   | 10310 | <b>3/4"</b> | Purple        | .75" - .85"  | ---         | 25        | 3                  | 1.22 | 1.562 |
| <b>100B560</b>  | 10450 | <b>1"</b>   | Green         | .45" - .56"  | 10          | 100       | 28                 | 1.50 | 1.75  |
| <b>100B650</b>  | 10460 | <b>1"</b>   | Brown         | .55" - .65"  | 10          | 100       | 28                 | 1.50 | 1.75  |
| <b>100B750</b>  | 10470 | <b>1"</b>   | Yellow        | .65" - .75"  | 10          | 100       | 28                 | 1.50 | 1.75  |
| <b>100B850</b>  | 10480 | <b>1"</b>   | Purple        | .75" - .85"  | 10          | 100       | 28                 | 1.50 | 1.75  |
| <b>100C950</b>  | 10490 | <b>1"</b>   | Gray          | .85" - .95"  | 10          | 100       | 28                 | 1.50 | 1.875 |
| <b>100C1050</b> | 10500 | <b>1"</b>   | Black         | .95" - 1.05" | 10          | 100       | 28                 | 1.50 | 1.875 |

Larger sizes available

See specifications on next page

# Flexible Cord Connectors

## Strain Relief - Steel

**Cable Chart for Flexible Cord Connectors**

| Catalog Number  | Size        | Cable Range<br>Min. Max. | For types<br>SO, ST, & STO                                 | For Types SJ, STO, SJT<br>SJTO, SVO, and bus<br>drop for VNTC type<br>tray cable | For VNTC type tray cable                                                                                                                        |
|-----------------|-------------|--------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>50A250</b>   | <b>1/2"</b> | .15 - .25                |                                                            | 18-2,3 SVO                                                                       |                                                                                                                                                 |
| <b>50A350</b>   | <b>1/2"</b> | .25 - .35                |                                                            | 18-2,3 SJT 18-2,3,4 SJO<br>16-2,3 SJO                                            | 18-3,4 & 5 16-3 & 4 14-3                                                                                                                        |
| <b>50A450</b>   | <b>1/2"</b> | .35 - .45                | 18-2,3,4<br>16-2,3,4                                       | 16-4 SJO 14-2,3,4 SJO<br>12-2 SJO 14-3 Bus Drop                                  | 18-6 to 18-11 16-5 to 16-8 14-4 to 14-7<br>12-3 & 4 also Composite Cables 3 # 16 & 4 # 14                                                       |
| <b>50A560</b>   | <b>1/2"</b> | .45 - .56                | 18-5,6,7 16-5,6<br>14-2,3                                  | 12-3 SJO 12-3 & 10-3<br>Bus Drop                                                 | 18-10 to 18-16 16-9 to 16-12 14-8 to 14-9 12-5 & 12-7<br>10-3 to 10-4 also Composite Cables 3 # 12 & 4 # 14 3<br># 10 & 4 # 14                  |
| <b>50A650</b>   | <b>1/2"</b> | .55 - .65                | 18-8,10 16-7,8<br>14-4 12-2,3 10-2                         |                                                                                  | 18-17 to 18-23 16-13 to 16-19 14-10 to 14-14 12-8 & 9<br>10-5 to 10-7 8-2 to 8-4 also Composite Cables 3 # 8 &<br>4 # 14 3 # 10 & 4 # 12        |
| <b>75A250</b>   | <b>3/4"</b> | .15 - .25                |                                                            | 18-2,3 SVO                                                                       |                                                                                                                                                 |
| <b>75A350</b>   | <b>3/4"</b> | .25 - .35                |                                                            | 18-2,3 SJT 18-2,3,4 SJO<br>16-2,3 SJO                                            | 18-3,4 & 5 16-3,4 14-3                                                                                                                          |
| <b>75A450</b>   | <b>3/4"</b> | .35 - .45                | 18-2,3,4<br>16-2,3,4                                       | 16-4 SJO 14-2,3,4 SJO<br>12-2 SJO 14-3 Bus Drop                                  | 18-6 to 18-11 16-5 to 16-8 14-4 to 14-7<br>12-3 & 4 also Composite Cables<br>3 # 16 & 4 # 14                                                    |
| <b>75A560</b>   | <b>3/4"</b> | .45 - .56                | 18-5,6,7 16-5,6<br>14-2,3                                  | 12-3 SJO 12-3 & 10-3<br>Bus Drop                                                 | 18-10 to 18-16 16-9 to 16-12 14-8 to 14-9 12-5 to 12-7<br>10-3 to 10-4 also Composite Cables 3 # 12 & 4 # 14 3<br># 10 & 4 # 14                 |
| <b>75A650</b>   | <b>3/4"</b> | .55 - .65                | 18-8,10 16-7,8 14-4<br>12-2,3 10-2                         |                                                                                  | 18-17 to 18-23 16-13 to 16-19 14-10 to 14-14 12-8 & 9<br>10-5 to 10-7 8-2 to 8-4 also Composite Cables 3 # 8 &<br>4 # 14 3 # 10 & 4 # 12        |
| <b>75B750</b>   | <b>3/4"</b> | .65 - .75                | 18-12,14 16-10,12<br>14-5,6,7 12-4,5 10-3,4<br>8-2         | 8-3 Bus Drop                                                                     | 18-24 to 18-37 16-20 to 16-27 14-15 to 14-21 12-5 to<br>12-7 10-3 to 10-4 also Composite Cables<br>3 # 6 & 4 # 14 3 # 8 & 4 # 12                |
| <b>75B850</b>   | <b>3/4"</b> | .75 - .85                | 18-16,18,20 16-14,16,18<br>14-8 12-6,7,8 10-5<br>8-3,4 6-2 | 6-3 Bus Drop                                                                     | 16-28 to 16-33 14-22 to 14-26 12-15 to 12-19 10-10 to<br>10-11 6-4 to 4-2 also Composite Cables 3 # 6 & 4 # 12 3 #<br>6 & 6 # 14 3 # 6 & 6 # 12 |
| <b>100B560</b>  | <b>1"</b>   | .45 - .56                | 18-5,6,7 16-5,6<br>14-2,3                                  | 12-3 SJO 12-3 & 10-3<br>Bus Drop                                                 | 18-10 to 18-16 16-9 to 16-12 14-8 to 14-9 12-5 to 12-7<br>10-3 to 10-4 also Composite Cables 3 # 12 & 4 # 14 3<br># 10 & 4 # 14                 |
| <b>100B650</b>  | <b>1"</b>   | .55 - .65                | 18-8,10 16-7,8 14-4<br>12-2,3 10-2                         |                                                                                  | 18-17 to 18-23 16-13 to 16-19 14-10 to 14-14 12-8,9<br>10-5 to 10-7 8-2 to 8-4 also Composite Cables 3 # 8<br>& 4 # 14<br>3 # 10 & 4 # 12       |
| <b>100B750</b>  | <b>1"</b>   | .65 - .75                | 18-2,14 16-10,12<br>14-5,6,7 12-4,5 10-3,4<br>8-2          | 8-3 Bus Drop                                                                     | 18-24 to 18-37 16-20 to 16-27 14-15 to 14-21 12-10 to<br>12-14 10-8 to 10-9 6-3 also Composite Cables 3 # 6<br>& 4 # 14 3 # 8 & 4 # 12          |
| <b>100B850</b>  | <b>1"</b>   | .75 - .85                | 18-16,18,20 16-14,16,18<br>14-8 12-6,7,8 10-5<br>8-3,4 6-2 | 6-3 Bus Drop                                                                     | 16-28 to 16-33 14-22 to 14-26 12-15 to 12-19 10-10 to<br>10-11 6-4 to 4-2 also Composite Cables 3 # 6 & 4 # 12<br>3 # 6 & 6 # 14 3 # 6 & 6 # 12 |
| <b>100C950</b>  | <b>1"</b>   | .85 - .95                | 18-22,24,26<br>16-20,22,24 14-10,12<br>10-6,7,8 6-3,4      | 4-3 Bus Drop                                                                     | 16-34 to 16-37 14-27 to 14-33<br>12-20 to 12-23 10-12 4-3 also Composite Cables 3 # 4<br>& 4 # 14 3 # 4 & 4 # 12                                |
| <b>100C1050</b> | <b>1"</b>   | .95 - 1.05               | 18-30 16-26<br>14-14,16 12-10 4-3                          |                                                                                  | 14-34 to 14-37 12-24 to 12-30 4-4 2-2 2-3 also<br>Composite Cables 3 # 2 & 4 # 14 3 # 2 & 4 # 12 3 #<br>2 & 6 # 14                              |