



**Product:** [49643](#)

Molded Cable Assembly, GPIB, 6.6 ft, (6 pr) 26 AWG (7x34) TC, (10) 26 AWG (7x34) TC, (1) 24 AWG (7x32) TC, Foil Shld, UnShlded Connector, S-R PVC/PVC

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## Product Description

Six 26 AWG pairs stranded (7x34) tinned copper conductors, ten 26 AWG stranded (7x34) tinned copper conductors, one 24 AWG stranded (7x32) tinned copper conductors, Beldfoil® shield plus tinned copper braid, S-R PVC insulation, PVC Jacket, 6.6 foot length.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors | No. of Pairs |
|-----|-----------|--------------------|-------------------|--------------|
| 26  | 7x34      | TC - Tinned Copper |                   | 6            |
| 26  | 7x34      | TC - Tinned Copper | 10                |              |
| 24  | 7x32      | TC - Tinned Copper | 1                 |              |

Conductor Count: 23

#### Insulation

| Material                                 | Nominal Wall Thickness |
|--|------------------------|
| SR-PVC - Polyvinyl Chloride (Semi-Rigid) | 0.01 in                |

#### Color Chart

| Color  |
|--------|
| Orange |

#### Outer Shield

| Type  | Layer | Material                | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|-------|-------|-------------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape  | 1     | Bi-Laminate (Alum+Poly) | Beldfoil®           | 100%         | TC - Tinned Copper | 26            | 7x34                         |
| Braid | 2     | Tinned Copper (TC)      |                     | 90%          |                    |               |                              |

#### Outer Jacket

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.35 in          | 0.035 in               |

### Electrical Characteristics

#### Voltage

| UL Voltage Rating             |
|-------------------------------|
| 300 V RMS (UL AWM Style 2464) |

#### Temperature Range

UL Temp Rating: 80°C (UL AWM Style 2464)

### Mechanical Characteristics

Bulk Cable Weight: 70 lbs/1000ft

### Standards

|                          |   |
|--------------------------|---|
| NEC/(UL) Compliance:     | CM (cable only)                         |
| UL AWM Style Compliance: | UL Style 2464 (300 V 80°C) (cable only) |

### Applicable Environmental and Other Programs

|                             |                               |
|-----------------------------|-------------------------------|
| EU Directive Compliance:    | EU Directive 2003/11/EC (BFR) |
| MII Order #39 (China RoHS): | Yes                           |

### Flammability, LS0H, Toxicity Testing

|                    |                               |
|--------------------|-------------------------------|
| UL voltage rating: | 300 V RMS (UL AWM Style 2464) |
|--------------------|-------------------------------|

### Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

### Part Number

#### Variants

| Item #      | Color      | Length | UPC          |
|-------------|------------|--------|--------------|
| 49643 C62S2 | Gray, Gull | 6.6 ft | 612825154167 |

### Product Notes

|        |  |
|--------|--|
| Notes: | Molded connector is male/female design for easy stacking and comes with molded-in metric jackscrews. |
|--------|--|

### History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.320 Revision Date: 12-15-2021 |
|----------------------|--|

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