



Product: [49747A](#)

D-Subminiature Assembly, 25 ft, (15) 24 AWG (7x32) TC, S-R PVC/PVC, Foil+TC Braid Shld, CM

[Request Sample](#)

Product Description

Fifteen 24 AWG stranded (7x32) tinned copper conductors, S-R PVC insulation, Beldfoil® plus tinned copper braid shield, PVC jacket, twenty-five foot length.

Technical Specifications

Physical Characteristics (Overall)

| Conductor        |           |                    |                  |                   |
|------------------|-----------|--------------------|------------------|-------------------|
| AWG              | Stranding | Material           | Nominal Diameter | No. of Conductors |
| 24               | 7x32      | TC - Tinned Copper | 0.024 in         | 15                |
| Conductor Count: |           | 15                 |                  |                   |

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

| Outer Shield |       |                         |                     |              |
|--------------|-------|-------------------------|---------------------|--------------|
| Type         | Layer | Material                | Material Trade Name | Coverage [%] |
| Tape         | 1     | Bi-Laminate (Alum+Poly) | Beldfoil®           | 100%         |
| Braid        | 2     | Tinned Copper (TC)      |                     | 65%          |

| Outer Jacket             |                  |                        |
|--------------------------|------------------|------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness |
| PVC - Polyvinyl Chloride | 0.3 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) |
|-----------------|--------------------------|

Standards

|                          |                                    |
|--------------------------|------------------------------------|
| NEC/(UL) Compliance:     | CM                                 |
| UL AWM Style Compliance: | AWM 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 |
|---------------|----|

Related Part Numbers

Variants

| Item #       | Color  | Length | UPC          |
|--------------|--------|--------|--------------|
| 49747A 060S2 | Chrome | 25 ft  | 612825154310 |

Product Notes

|        |   |
|--------|---|
| Notes: | Molded handles are 100% shielded to assist in FCC compliance and guard against EMI/RFI. All connectors tin-plated and male connectors have detents for positive ground connection. Wiring is point-to-point with the shield to connector shell. |
|--------|---|

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.365 Revision Date: 05-05-2023 |
|----------------------|--|

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