



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 |
|---|------------------------|
| S-R PVC - Semi-Rigid Polyvinyl Chloride | 0.01 in |

Outer Shield Material

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

Outer Jacket Material

| 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 (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, LSOH, 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 |
|--------------|--------|--------|--------------|
| 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: 0.277 Revision Date: 04-28-2020

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9