



**Product:** [49951A](#)

D-Subminiature Assembly, 10 ft, (36) 24 AWG (7x32) TC, S-R PVC/PVC, Foil+TC Braid Shld, CM

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## Product Description

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

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | Nominal Diameter | No. of Conductors |
|-----|-----------|--------------------|------------------|-------------------|
| 24  | 7x32      | TC - Tinned Copper | 0.024 in         | 36                |

Conductor Count: 36

#### 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 | 0.48 in          | 0.045 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          |
|--------------|--------|--------|--------------|
| 49951A 060S2 | Chrome | 10 ft  | 612825154440 |

## Product Notes

Notes: Molded handles are 100% shielded to guard against EMI/RFI and assist in FCC compliance. All connectors tin-plated and male connectors have detents to allow for a positive shield to ground connection.

## History

Update and Revision: Revision Number: 0.277 Revision Date: 04-28-2020

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