



**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, LSOH, 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: 0.494 Revision Date: 01-10-2024

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