



## Product: [49616A](#)

D-Subminiature Assembly, 10 ft, (25) 24 AWG (7x32) TC, S-R PVC/PVC, Foil+TC Braid Shld, CM

[Request Sample](#)

### Product Description

Twenty-five 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	25

Conductor Count: 25

##### 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	0.37 in	0.04 in

#### Electrical Characteristics

##### Voltage

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

##### Temperature Range

UL Temperature Rating:	80°C (UL AWM Style 2464)
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##### 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)
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## Plenum/Non-Plenum

Plenum (Y/N): No

## Related Part Numbers

### Variants

Item #	Color	Length	UPC
49616A 060S2	Chrome	10 ft	612825154112

## Product Notes

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

## History

Update and Revision: Revision Number: 0.499 Revision Date: 02-03-2025

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