



Product: [49616A](#)

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

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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 Temp 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
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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.
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History

Update and Revision:	Revision Number: 0.498 Revision Date: 01-10-2024
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