



Part Number: 49745A

D-Subminiature Assembly, 5 ft, (15) 24 AWG (7x32) TC, S-R PVC/PVC, Foil+TC Braid Shld, CM

Product Description

Fifteen 24 AWG stranded (7x32) tinned copper conductors, S-R PVC insulation, Beldfoil® plus tinned copper braid shield, PVC jacket, 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
AWG Size:	24

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	Aluminum Foil-Polyester Tape	Beldfoil®	100 %
Braid	2	TC - Tinned Copper		65 %

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.3 in	0.035 in

Construction and Dimensions

Stranding

Lay Length
Point to Point. Pin #1 on end 1 to Pin #1 on end 2, Pin #2 to Pin #2, etc. Cable shield connected to connector shell. mm

Electrical Characteristics

Voltage

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

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2464)
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Standards

NEC/(UL) Specification:	CM (cable only)
UL AWM Style:	UL Style 2464 (300 V 80°C) (cable only)

Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
CA Prop 65 (CJ for Wire & Cable):	Yes

MII Order #39 (China RoHS):	Yes
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
49745A 060S2	CHROME

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.
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