



Product: [49906A](#)

D-Subminiature Assembly, 10 ft, (9) 24 AWG (7x32) TC, S-R PVC/PVC, Foil Shld, CM

[Request Sample](#)

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	RS-232 Applications; Computer Communications; Low Voltage Analog Signals (4-20mA, 0-10V, ...); Low Voltage Digital Control (24V, ...); Line Level Audio; Panel Wiring
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	7x32	TC - Tinned Copper	0.024 in	9

Conductor Count:	9
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Insulation

Material	Nominal Wall Thickness
SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.01 in

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	7x32

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.244 in	0.032 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)
MIL 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
49906A 060S2	Chrome	10 ft	612825154396

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: 0.370 Revision Date: 02-03-2025

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