



**Part Number: 49951A**

D-Subminiature Assembly, 10 ft, (36) 24 AWG (7x32) TC, S-R PVC/PVC, Foil+TC Braid Shld, CM

## Product Description

Thirty-six 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	36

Conductor Count:	36
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	0.48 in	0.045 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 and Pin #1. 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

## Part Number

Plenum (Y/N): No

## Variants

Item #	Color
49951A 060S2	CHROME

## Product Notes

Notes: Molded handles are 100% shielded to guard against EMI/RFI and assist in FCC compliance. All connectors tin-plated and male connectors have detents to allow for a positive shield to ground connection.

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