

## 49900A Molded Cable Assemblies - D-Subminiature Assembly



For more Information  
please call

1-800-Belden1



### Description:

9-position shielded D-Sub for RS-449 applications, straight handle both ends, S-R PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
9	24	7x32	TC - Tinned Copper	.024

Number of Pins: 9

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.01

#### Connector Characteristics

Connector Characteristics - First End # of Connector Contacts/positions: 9

Connector Characteristics - First End Connector Gender: Male

Connector Characteristics - First End Connector Shielding Type: Metal Backshell

Connector Characteristics - First End Connector Type: D-Sub

Connector Characteristics - First End Overmold Color: Chrome

Connector Characteristics - First End Overmold Compound Material: PVC

Connector Characteristics - First End Overmold Type: 9 Position D-Sub

Connector Characteristics - First End Retention Hardware: Thumbscrew

Connector Characteristics - Second End # of Connector Contacts/positions: 9

Connector Characteristics - Second End Connector Gender: Male

Connector Characteristics - Second End Connector Shielding Type: Metal Backshells

Connector Characteristics - Second End Connector Type: D-Sub

Connector Characteristics - Second End Overmold Color: Chrome

Connector Characteristics - Second End Overmold Compound Material: PVC

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Connector Characteristics - Second End Overmold Type: 9 Position D-Sub

Connector Characteristics - Second End Retention Hardware: Thumbscrew

## Outer Shield

## Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

## Outer Shield Drain Wire AWG:

AWG Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper

## Outer Jacket

## Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.032

## Overall Cabling

Overall Nominal Diameter: 0.244 in.

## Assembly Dimensional

Assembly Dimensional Length: 5

## Wiring

Wiring: 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.

## Mechanical Characteristics (Overall)

UL Temperature Rating: 80°C (UL AWM Style 2464)

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CM (cable only)
AWM Specification:	UL Style 2464 (300 V 80°C) (cable only)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

## Notes (Overall)

**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.

**Notes (Cont'd.):** Jack screw retention on both connectors.

## Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
49900A 060S2	1 EA	9.050 LB	CHROME		9 POS SHD D-SUB 9539

Revision Number: 1    Revision Date: 09-19-2008

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