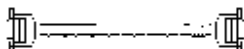


49900A Molded Cable Assemblies - D-Subminiature Assembly



For more Information
please call

1-800-Belden1

**General 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. (mm) |
|--------------|-----|-----------|--------------------|-----------|
| 9 | 24 | 7x32 | TC - Tinned Copper | 0.6096 |

Total Number of Conductors: 9

Number of Pins: 9

Insulation**Insulation Material:**

| Insulation Material | Wall Thickness (mm) |
|---|---------------------|
| S-R PVC - Semi-Rigid Polyvinyl Chloride | 0.254 |

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

49900A Molded Cable Assemblies - D-Subminiature Assembly

| | |
|---|------------------|
| 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 (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.8128 |

Overall Cable

| | |
|---------------------------|----------|
| Overall Nominal Diameter: | 6.198 mm |
|---------------------------|----------|

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 & 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. |
|------------------|--|

49900A Molded Cable Assemblies - D-Subminiature Assembly

Put Ups and Colors:

| 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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