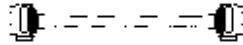


## 49740A Molded Cable Assemblies - D-Subminiature Assembly



For more Information  
please call

1-800-Belden1



### General Description:

15-position shielded D-Sub, for any 15-pin application exposed to high-noise environment, S-R PVC insulation, foil plus braid shield (super shield), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
15	24	7x32	TC - Tinned Copper	.024

Total Number of Conductors: 15

Number of Pins: 15

#### 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: 15

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: 15 Position D-Sub

Connector Characteristics - First End Retention  
Hardware: Thumbscrew

Connector Characteristics - Second End # of  
Connector Contacts/positions: 15

Connector Characteristics - Second End  
Connector Gender: Male

Connector Characteristics - Second End  
Connector Shielding Type: Metal Backshell

Connector Characteristics - Second End  
Connector Type: D-Sub

Connector Characteristics - Second End  
Overmold Color: Chrome

Connector Characteristics - Second End  
Overmold Compound Material: PVC

## 49740A Molded Cable Assemblies - D-Subminiature Assembly

**Connector Characteristics - Second End** 15 Position D-Sub  
**Overmold Type:**

**Connector Characteristics - Second End** Thumbscrew  
**Retention Hardware:**

### Outer Shield

#### Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.035

### Overall Cable

**Overall Nominal Diameter:** 0.300 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 & Environmental Programs

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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## 49740A Molded Cable Assemblies - D-Subminiature Assembly

49740A 060S2	1 EA	0.500 LB	CHROME		15 POS SHD D-SUB 9616
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