

## 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. (mm)
15	24	7x32	TC - Tinned Copper	0.6096

Total Number of Conductors: 15

Number of Pins: 15

**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: 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 Overmold Type: 15 Position D-Sub

Connector Characteristics - Second End Retention Hardware: Thumbscrew

**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 (mm)
PVC - Polyvinyl Chloride	0.889

**Overall Cable**

Overall Nominal Diameter: 7.620 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.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

## METRIC MEASUREMENT VERSION

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

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

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

© 2019 Belden, Inc.  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.