

49676A Molded Cable Assemblies - D-Subminiature Assembly



For more Information
please call

1-800-Belden1

**General Description:**

25-position shielded D-Sub, for RS-232 applications, S-R PVC insulation, foil shield (general purpose), PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
25	24	7x32	TC - Tinned Copper	0.6096

Total Number of Conductors: 25

Number of Pins: 25

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: 25

Connector Characteristics - First End Connector
Gender: Male

Connector Characteristics - First End Connector
Shielding Type: Metal Backshells

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: 25 Position D-Sub

Connector Characteristics - First End Retention
Hardware: Thumbscrew

Connector Characteristics - Second End # of
Connector Contacts/positions: 25

Connector Characteristics - Second End
Connector Gender: Female

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:	25 Position D-Sub
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Connector Characteristics - Second End Retention Hardware:	Thumbscrew
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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:	8.611 mm
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Assembly Dimensional

Assembly Dimensional Length:	50
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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.
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Mechanical Characteristics (Overall)

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

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

Notes (Overall)

Notes: Molded handles are 100% shielded to guard against EMI/RFI. All connectors tin-plated and male connectors have detents for a positive shield to ground connection. Wiring is point-to-point with the shield to connector shell.

Notes (Cont'd.):	Jack screw retention on both connectors.
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
49676A 060S2	1 EA	5.000 LB	CHROME		25 POS SHD D-SUB 9543

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