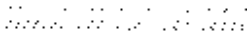
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

49911A Molded Cable Assemblies - D-Subminiature Assembly



For more Information please call

1-800-Belden1

Description:

9-position shielded D-Sub retractile, for keyboard-to-CRT use where 9-pin retractile is desired, male straight handle one end, polypropylene insulation, polyurethane jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
9	26	19x38	TC - Tinned Copper	.021

Number of Pins: 9

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.006

Connector Characteristics

Connector Characteristic (not terminated) Drain Wire Solder Dip:	.25 +/- .125
Connector Characteristics (not Terminated) Jacket Removal Dimension:	1 +/-.125
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:	Black
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 Connector Type:	No Connector

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
20	42x36	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PUR - Polyurethane	0.065

Overall Cabling

Overall Nominal Diameter:	0.250 in.

Assembly Dimensional

Assembly Dimensional For Retractile Coil Body Length (extended):	90
Assembly Dimensional for Retractile Coil Body Length (relaxed):	18 +/- 1

Tail Length

1st End Tail Length:	6 +/- 2
2nd End Tail Length:	18 +/- 1.5

Wiring

Wiring Diagram Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

Mechanical Characteristics (Overall)

UL Temperature Rating:	60°C (UL AWM Style 20197)

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification:	UL Style 20197 (30 V 60°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
30 V RMS (UL AWM Style 20197)

Notes (Overall)

Notes: Polyurethane jacket provides superior retractile properties at a reasonable cost. Molded handles are 100% shielded to assist in FCC compliance and guard against EMI/RFI. All connectors tin-plated with detents for positive ground connection.

Notes (Cont'd.):	The end opposite the conductor is stripped. Jack screw retention on male connector.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
49911A 010S2	1 EA	14.050 LB	BLACK		RETR ASSY 9POS RI37966

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