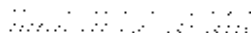


## 49911A Molded Cable Assemblies - D-Subminiature Assembly



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

## 49911A Molded Cable Assemblies - D-Subminiature Assembly

**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 Retractable Coil Body Length (extended):** 90

**Assembly Dimensional for Retractable 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.

## 49911A Molded Cable Assemblies - D-Subminiature Assembly

**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

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

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