

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



9-Position Shielded 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

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## 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 &amp; 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.

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**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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