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1-800-Belden1



### General Description:

8-position shielded DIN, used where a shielded conductor is desired and as a low cost alternative to a D-Sub, PVC insulation, foil shield, straight handle, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
8	26	19x38	TC - Tinned Copper	0.508

Total Number of Conductors: 8

Number of Pins: 8

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.3556

#### 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: 8

Connector Characteristics - First End Connector Gender: Male

Connector Characteristics - First End Connector Shielding Type: Metal Backshell

Connector Characteristics - First End Connector Type: DIN

Connector Characteristics - First End Overmold Color: Black

Connector Characteristics - First End Overmold Compound Material: PVC

Connector Characteristics - First End Overmold Type: 8 Position DIN with Flex Tail

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
26	19x38	TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.3208

#### Overall Cable

Overall Nominal Diameter: 6.756 mm

#### Assembly Dimensional

Assembly Dimensional Length: 10

#### Wiring

Wiring: Shield to Connector Shell

Wiring Diagram Color Code Chart:

Number	Color
1	Brown

## 49154A Molded Cable Assemblies - DIN Cable Assembly

2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray

### 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

#### Flame Test

UL Flame Test: VW-1 (Cable only)

### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

<b>Voltage</b>
300 V RMS (UL AWM Style 2464)

### Notes (Overall)

**Notes:** Foil shielded for moderate-noise environments. Outer jacket stripped one inch.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
49154A 010S2	1 EA	2.000 LB	BLACK		8 POS DIN STRAIGHT RI37897

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