

## 49104A Molded Cable Assemblies - DIN Cable Assembly



**Obsolete  
Call  
1-800-BELDEN1**

For more Information  
please call

1-800-Belden1



### Description:

8-position shielded DIN retractile, standard friction-fit connectors mate easily with many microcomputer keyboard ports, PVC insulation, foil shield, straight handle, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
8	26	19x38	TC - Tinned Copper	.51

Number of Pins: 8

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.014

#### Connector Characteristics

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 (in.)
PVC - Polyvinyl Chloride	0.052

#### Overall Cabling

## 49104A Molded Cable Assemblies - DIN Cable Assembly

Overall Nominal Diameter: 0.266 in.

### Assembly Dimensional

Assembly Dimensional For Retractable Coil Body Length (extended): 72.5

Assembly Dimensional for Retractable Coil Body Length (relaxed): 14.5

### Tail Length

1st End Tail Length: 12 +/- 1.5

2nd End Tail Length: 18 +/- 1.5

### Wiring

Wiring: Shield to Connector Shell.

#### Wiring Diagram Color Code Chart:

Number	Color
1	Brown
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

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

### Notes (Overall)

**Notes:** Shielded connectors maintain shield integrity and assist in FCC compliance. Utilizes 26 AWG conductor for low voltage drop. Ideal for higher noise situations.

**Notes (Cont'd.):** Connector Characteristics (not Terminated) Jacket Removal Dimension: 1 +/- .125. Connector Characteristics (not Terminated) Insulation Strip Dimension: .25 +/- .125.

### Put Ups and Colors:

## 49104A Molded Cable Assemblies - DIN Cable Assembly

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 1    Revision Date: 05-14-2007

© 2008 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.