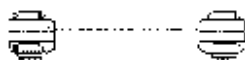


49637 Molded Cable Assemblies - GPIB (General Purpose Interface Bus) Assembly



For more Information
please call

1-800-Belden1

**General Description:**

GPIB shielded, for use with electronic equipment that is IEEE-488 compatible, die cast connector, S-R PVC insulation, PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	6	26	7x34	TC - Tinned Copper
10		26	7x34	TC - Tinned Copper
1		24	7x32	TC - Tinned Copper

Total Number of Conductors: 23

Number of Pins: 24

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.254

Connector Characteristics

Connector Characteristics - First End # of
Connector Contacts/positions: 24

Connector Characteristics - First End Connector
Gender: Male/Female

Connector Characteristics - First End Connector
Shielding Type: Diecast Shell

Connector Characteristics - First End Connector
Type: Stackable Ribbon

Connector Characteristics - First End Retention
Hardware: Thumbscrews

Connector Characteristics - Second End # of
Connector Contacts/positions: 24

Connector Characteristics - Second End
Connector Gender: Male/Female

Connector Characteristics - Second End
Connector Shielding Type: Diecast Shell

Connector Characteristics - Second End
Connector Type: Stackable Ribbon

Connector Characteristics - Second End
Retention Hardware: Thumbscrews

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	90

Outer Shield Drain Wire AWG:

49637 Molded Cable Assemblies - GPIB (General Purpose Interface Bus) Assembly

AWG Stranding Drain Wire Conductor Material

26	7x34	TC - Tinned Copper
----	------	--------------------

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.889

Overall Cable

Overall Nominal Diameter: 8.890 mm

Assembly Dimensional

Assembly Dimensional Length: 9.8

Wiring

Wiring: Straight wired.

Wiring Diagram Color Code Chart:

Number	Color
1	26 AWG Single
2	26 AWG Single
3	26 AWG Single
4	26 AWG Single
5	26 AWG Single
6	26 AWG Pair1 (conductor A)
7	26 AWG Pair2 (conductor A)
8	26 AWG Pair3 (conductor A)
9	26 AWG Pair4 (conductor A)
10	26 AWG Pair5 (conductor A)
11	26 AWG Pair6 (conductor A)
12	Drain wire
13	26 AWG Single
14	26 AWG Single
15	26 AWG Single
16	26 AWG Single
17	26 AWG Single
18	26 AWG Pair1 (conductor B)
19	26 AWG Pair2 (conductor B)
20	26 AWG Pair3 (conductor B)
21	26 AWG Pair4 (conductor B)
22	26 AWG Pair5 (conductor B)
23	26 AWG Pair6 (conductor B)
24	24 AWG Single

Mechanical Characteristics (Overall)

UL Temperature Rating: 80°C (UL AWM Style 2464)

Bulk Cable Weight: 104.174 Kg/Km

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

49637 Molded Cable Assemblies - GPIB (General Purpose Interface Bus) Assembly

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:** Die cast connector is male/female design for easy stacking and comes with molded-in metric jackscrews.**Put Ups and Colors:**

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

Revision Number: 2 Revision Date: 07-24-2009

© 2019 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.