

9641 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information
please call

1-800-Belden1



General Description:

26 AWG stranded (7x34) and 24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, overall Beldfoil (100% Coverage) plus inned copper braid shield (90% Coverage), drain wire, 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

Insulation

Insulation Material:

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Tape/Braid	TC - Tinned Copper	90

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
26	7x34	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

Number	Color	AWG	Group/Cond. Color
1	Blue and White/Gray	26	Pair
2	Purple and White/Black/Brown	26	Pair
3	Gray and White/Black/Red	26	Pair
4	White and White/Black/Orange	26	Pair
5	White/Black and White/Black/Yellow	26	Pair
6	White/Brown and White/Black/Green	26	Pair
7	Brown	26	Conductor
8	Red	26	Conductor
9	Orange	26	Conductor
10	Yellow	26	Conductor
11	Lt. Green	26	Conductor
12	White/Orange	26	Conductor
13	White/Yellow	26	Conductor
14	White/Green	26	Conductor
15	White/Blue	26	Conductor
16	White/Purple	26	Conductor
17	White/Black/Blue	24	Conductor

Overall Cabling Separator Material:

Polyester

Overall Nominal Diameter:

0.350 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +80°C

9641 Multi-Conductor - Computer Cable for EIA RS-232 Applications

UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	71 lbs/1000 ft.
Max. Recommended Pulling Tension:	140 lbs.
Min. Bend Radius/Minor Axis:	3.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
CSA Specification:	AWM I A
EU Directive 2011/65/EU (ROHS II):	Yes
IEEE Specification:	488
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
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

C(UL) Flame Test:	FT4
-------------------	-----

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
24 AWG	23.3
26 AWG	37.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.6

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
0.6 Amps per conductor @ 25°C (26 AWG)
1.1 Amps per conductor @ 25°C (24 AWG)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9641 0081000	1,000 FT	82.000 LB	GRAY	C	23 CONDR IEEE 488 CABLE

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 04-11-2008

© 2017 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.

9641 Multi-Conductor - Computer Cable for EIA RS-232 Applications

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.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).