Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8465 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

5

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.017

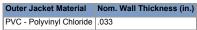
Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:



Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown

Overall Nominal Diameter:

0.282 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C	
UL Temperature Rating:	60°C (UL AWM Style 2598)	
Bulk Cable Weight:	50 lbs/1000 ft.	
Max. Recommended Pulling Tension:	125 lbs.	
Min. Bend Radius/Minor Axis:	3 in.	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2598 (300 V 60°C)
EU Directive 2011/65/EU (ROHS II):	Yes
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):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes

Page 1 of 2 01-05-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8465 Multi-Conductor - Audio, Control and Instrumentation Cable

	EU Directive 2003/11/EC (BFR):	Yes	
	CA Prop 65 (CJ for Wire & Cable):	Yes	
	MII Order #39 (China RoHS):	Yes	
Fla	Flame Test		
	UL Flame Test:	UL1685 FT4 Loading	
	UL Flame Test: CSA Flame Test:	UL1685 FT4 Loading FT4	
Ple		•	

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 26

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.3

Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2598)

Max. Recommended Current:

Current 4 Amps per conductor @ 25°C

Notes (Overall)

Notes: Nominal Loop Inductance: .18 μ H/ft.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8465 060U1000	1,000 FT	52.000 LB	CHROME		5 #18 PVC PVC
8465 060U500	500 FT	26.500 LB	CHROME		5 #18 PVC PVC
8465 060100	100 FT	5.700 LB	CHROME		5 #18 PVC PVC
8465 0601000	1,000 FT	53.000 LB	CHROME	С	5 #18 PVC PVC
8465 060500	500 FT	27.000 LB	CHROME	С	5 #18 PVC PVC
8465 0605000	5,000 FT	270.000 LB	CHROME		5 #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-14-2012

© 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, 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 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).

Page 2 of 2