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

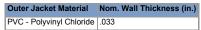
Outer Shield

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

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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:	UL1685 FT4 Loading
CSA Flame Test:	FT4
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

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

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