Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8619 Multi-Conductor - Audio, Control and Instrumentation Cable

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For more Information please call

1-800-Belden1



General Description:

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

19

Physical Characteristics (Overall)

Conductor

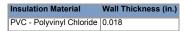
AWG:



Total Number of Conductors:

Insulation

Insulation Material:



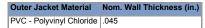
Outer Shield

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	Orange		
6	Blue		
7	White/Black		
8	Red/Black		
9	Green/Black		
10	Orange/Black		
11	Blue/Black		
12	Black/White		
13	Red/White		
14	Green/White		
15	Blue/White		
16	Black/Red		
17	White/Red		
18	Orange/Red		
19	Blue/Red		

Overall Nominal Diameter:

0.490 in.

lechanical Characteristics (Overall)						
	Operating Temperature Range:	-20°C To +60°C				
	Non-UL Temperature Rating:	60°C (UL AWM Style 2598)				
	Bulk Cable Weight:	172 lbs/1000 ft.				
	Max. Recommended Pulling Tension:	475 lbs.				
	Min. Bend Radius/Minor Axis:	5 in.				

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CMG
CMC
CIVIG
800
CMG
UL Style 2598 (300 V 60°C)
Yes
Yes
Yes
Yes
04/01/2005
Yes
Yes
Yes
Yes
UL1685 FT4 Loading
FT4
Yes
No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

10C Temperature Rise 2.5 Amps per conductor @ 25°C ambient

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8619 060100	100 FT	18.700 LB	CHROME	С	19#18 PVC PVC
8619 0601000	1,000 FT	180.000 LB	CHROME	С	19#18 PVC PVC
8619 060500	500 FT	93.500 LB	CHROME	С	19#18 PVC PVC
8619 0605000	5,000 FT	925.000 LB	CHROME		19 #18 PVC PVC

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-06-2013

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

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