Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8628 Multi-Conductor - Audio, Control, Communication and Instrumentation Cable



For more Information please call

1-800-Belden1



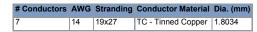
General Description:

14 AWG stranded (19x27) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

7

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

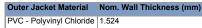
Outer Shield

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

Overall Nominal Diameter:

15.824 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	355.680 Kg/Km
Max. Recommended Pulling Tension:	1476.802 N
Min. Bend Radius/Minor Axis:	158.750 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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):	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

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Flame Test					
UL Flame Test:	VW-1				
CSA Flame Test:	FT1				
num/Non-Plenum					
Plenum (Y/N):	No				
	UL Flame Test: CSA Flame Test: num/Non-Plenum				

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 59.058

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 9.1868

Max. Operating Voltage - Non-UL:

Voltage 600 V RMS

Max. Recommended Current:

6.5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8628 060100	100 FT	25.600 LB	CHROME	С	7 #14 STR PVC PVC
8628 0601000	1,000 FT	255.000 LB	CHROME	С	7 #14 STR PVC PVC
8628 060500	500 FT	128.000 LB	CHROME	С	7 #14 STR PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 10-02-2012

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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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