

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:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
7	14	19x27	TC - Tinned Copper	1.8034

Total Number of Conductors: 7

Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.524

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

METRIC MEASUREMENT VERSION

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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

UL Flame Test:	VW-1
CSA Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
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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:

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	C	7 #14 STR PVC PVC
8628 0601000	1,000 FT	255.000 LB	CHROME	C	7 #14 STR PVC PVC
8628 060500	500 FT	128.000 LB	CHROME	C	7 #14 STR PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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