

METRIC MEASUREMENT VERSION



9623 Multi-Conductor - Audio, Control, Communication and Instrumentation Cable

For more Information
please call

1-800-Belden1



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)
5	14	19x27	TC - Tinned Copper	1.8034

Total Number of Conductors: 5

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PVC - Polyvinyl Chloride	1.143	4.064

Insulation Resistance: 500 Mega Ohms / 1000 ft. @ 500 V DC

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 Lay Length & Direction:

Length (mm)	Twists (twist/m)
147.31942	6.562

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 14.554 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 264.304 Kg/Km

Max. Recommended Pulling Tension: 1054.220 N

Min. Bend Radius/Minor Axis: 139.700 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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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

Flame Test

UL Flame Test:	UL1685 UL Loading, 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
7.5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9623 0601000	305 MT	89.358 KG	CHROME	C	5#14 PVC PVC
9623 060500	152 MT	45.133 KG	CHROME	C	5#14 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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