Detailed Specifications & Technical Data

ENGLISH 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. (in.)
5	14	19x27	TC - Tinned Copper	.071

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PVC - Polyvinyl Chloride	.045	.160

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 (in.)
PVC - Polyvinyl Chloride	.060

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
5.80	2.0

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 0.573 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 177.600 lbs/1000 ft.

Max. Recommended Pulling Tension: 237 lbs.

Min. Bend Radius (Install)/Minor Axis: 5.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
18

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.8

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
7.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9623 0601000	1,000 FT	197.000 LB	CHROME	C	5#14 PVC PVC
9623 060500	500 FT	99.500 LB	CHROME	C	5#14 PVC PVC

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-19-2008

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