

9397 Multi-Conductor - Two-Conductor, Low-Impedance Cable



For more Information
please call

1-800-Belden1



Description:

24 AWG stranded (105x44) high-conductivity bare copper conductors, PVC insulation, double bare copper spiral shield (97% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	24	105x44	High Conductivity BC - Bare Copper	.024

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PVC - Polyvinyl Chloride	.012	.048

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Double Spiral Serve	BC - Bare Copper	97

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.031

Overall Cable

Overall Nominal Diameter: 0.176 in.

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 22 lbs/1000 ft.

Max. Recommended Pulling Tension: 10 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.750 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

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Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

47

Nom. Inductance:

Inductance (µH/ft)

0.19

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

47.3

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

110

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

24.600

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

3.36 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
9397 B591000	1,000 FT	24.000 LB	BLACK, MATTE	C	2 #24 PVC DBLS PVC
9397 B59500	500 FT	12.000 LB	BLACK, MATTE		2 #24 PVC DBLS PVC

Notes:

C = CRATE REEL PUT-UP.

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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.