

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 Cabling

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:	20.500 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

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

3.36 Amps per conductor @ 25°C

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.