

9398 Multi-Conductor - Three-Conductor, Low-Impedance Cable



For more Information
please call

1-800-Belden1



General Description:

24 AWG stranded (105x44) high-conductivity bare copper conductors, PVC insulation, double bare copper spiral shield (95% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
3	24	105x44	High Conductivity BC - Bare Copper	.024

Total Number of Conductors: 3

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	95.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.030

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	White
2	Green
3	Brown

Overall Nominal Diameter: 0.185 in.

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 23 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius/Minor Axis: 2 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: No

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)

.19

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

40

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

110

Max. Operating Voltage - 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
9398 B591000	1,000 FT	25.000 LB	BLACK, MATTE	C	3 #24 PVC DBLS PVC

Notes:

C = CRATE REEL PUT-UP.

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