

9397 Multi-Conductor - Two-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.) |
|--------------|-----|-----------|------------------------------------|------------|
| 2 | 24 | 105x44 | High Conductivity BC - Bare Copper | .024 |

Total Number of Conductors: 2

Insulation

Insulation Material:

| Insulation Material | Dia. (in.) |
|--------------------------|------------|
| PVC - Polyvinyl Chloride | 0.048 |

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 |
|--------------------------|
| PVC - Polyvinyl Chloride |

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/Minor Axis: 1.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

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

MIL Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

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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

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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