

## 9399 Multi-Conductor - Two-Conductor, Low-Impedance Cables

For more Information  
please call

1-800-Belden1



### Description:

24 AWG stranded (45x40) BC alloy conductors, EPDM rubber insulation, conductive textile wrap (100% coverage), TC braid shield (56% coverage), cotton spiral, EPDM jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	24	45x40	Bare Copper Alloy	.024

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.016	.064

#### Outer Shield

##### Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Tape	Conductive Textile	100
2	Braid	TC - Tinned Copper	65
3	Spiral Serve	Cotton	

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.020

#### Overall Cable

Overall Nominal Diameter: 0.200 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +90°C

Non-UL Temperature Rating: 90°C

Bulk Cable Weight: 25 lbs/1000 ft.

Max. Recommended Pulling Tension: 48 lbs.

Min. Bend Radius (Install)/Minor Axis: 2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU CE Mark: Yes

EU Directive 2002/95/EC (RoHS): No

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)
55

#### Nom. Inductance:

Inductance (µH/ft)
0.019

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**Nom. Capacitance Conductor to Conductor:**

<b>Capacitance (pF/ft)</b>
30

**Nom. Capacitance Cond. to Other Conductor & Shield:**

<b>Capacitance (pF/ft)</b>
55

**Nom. Conductor DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
28.7

**Nominal Outer Shield DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
11.38

**Max. Operating Voltage - Non-UL:**

<b>Voltage</b>
300 V RMS

**Max. Recommended Current:**

<b>Current</b>
2.2 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
9399 001500	500 FT	12.500 LB	BROWN	C	2 #24 EPDM BRD EPDM

**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.