

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:

Capacitance (pF/ft)

30

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

55

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

28.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.38

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

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.