# **Detailed Specifications & Technical Data**





# 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 #	Туре	Outer Shield Material	Coverage (%)
1	Таре	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 IVIAI K.	165
EU Directive 2002/95/EC (RoHS):	No

#### Plenum/Non-Plenum

ELL CE Mark

Plenum (Y/N):	No
Plenum (Y/N):	N

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



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

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)	
30	1

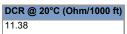
Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance	(pF/ft)
55	

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
28.7

Nominal Outer Shield DC Resistance:



Max. Operating Voltage - Non-UL:



Max. Recommended Current:



#### **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	С	2 #24 EPDM BRD EPDM

#### Notes:

C = CRATE REEL PUT-UP.

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