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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:

Inductance (µH/ft) 0.019

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ENGLISH MEASUREMENT VERSION



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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

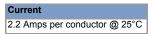
Nominal Outer Shield DC Resistance:



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.

Revision Number: 2 Revision Date: 05-14-2007

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