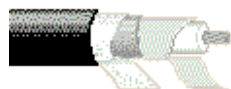


## 9395 Coax - Single-Conductor, High-Impedance Cable



For more Information  
please call

1-800-Belden1



### General Description:

18 AWG stranded (41x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (70% coverage), paper tape, CPE jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	18	41x34	High Conductivity TC - Tinned Copper	1.1938

Total Number of Conductors: 1

#### Insulation

##### Insulation Material:

Insulation Material	Dia. (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	3.480

#### Outer Shield

##### Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Serve	Conductive Textile	100.000
2	Spiral Serve	TC - Tinned Copper	70.000
3	Tape	Paper	100.000

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
Neoprene	0.8636

#### Overall Cable

Overall Nominal Diameter: 5.969 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 52.087 Kg/Km

Max. Recommended Pulling Tension: 160.135 N

Min. Bend Radius/Minor Axis: 63.500 mm

### 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): 04/01/2005

METRIC MEASUREMENT VERSION

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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

### Flame Test

UL Flame Test: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)  
35

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)  
180.455

### Nominal Velocity of Propagation:

VP (%)  
62

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
21.3265

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)  
37.075

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

Voltage  
300 V RMS

### Max. Recommended Current:

Current  
6 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9395 0101000	1,000 FT	37.000 LB	BLACK	C	#18 STR EPDM BRD CPE

### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3    Revision Date: 11-13-2013

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