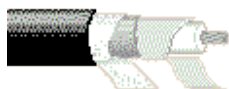


## 9395 Coax - Single-Conductor, High-Impedance Cable



For more Information  
please call

1-800-Belden1

**Description:**

18 AWG stranded (41x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (68% coverage), paper tape, CPE jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

| # Coax | AWG | Stranding | Conductor Material                   | Dia. (in.) |
|--------|-----|-----------|--------------------------------------|------------|
| 1      | 18  | 41x34     | High Conductivity TC - Tinned Copper | .047       |

**Insulation****Insulation Material:**

| Insulation Material                            | Wall Thickness (in.) | Dia. (in.) |
|------------------------------------------------|----------------------|------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | .045                 | .137       |

**Outer Shield****Outer Shield Material:**

| Layer # | Type         | Outer Shield Material | Coverage (%) |
|---------|--------------|-----------------------|--------------|
| 1       | Serve        | Conductive Textile    | 100          |
| 2       | Spiral Serve | TC - Tinned Copper    | 68           |
| 3       | Tape         | Paper                 | 100          |

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|-----------------------|---------------------------|
| Neoprene              | .034                      |

**Overall Cable**

Overall Nominal Diameter: 0.235 in.

**Mechanical Characteristics (Overall)**

|                                        |                 |
|----------------------------------------|-----------------|
| Operating Temperature Range:           | -30°C To +60°C  |
| Non-UL Temperature Rating:             | 60°C            |
| Bulk Cable Weight:                     | 33 lbs/1000 ft. |
| Max. Recommended Pulling Tension:      | 36 lbs.         |
| Min. Bend Radius (Install)/Minor Axis: | 2.350 in.       |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |            |
|---------------------------------------|------------|
| 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 |
| EU Directive 2002/96/EC (WEEE):       | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |

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

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII 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/ft)

55

## Nominal Velocity of Propagation:

VP (%)

62

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.300

## Max. Operating Voltage - Non-UL:

Voltage

600 V RMS

## Max. Recommended Current:

Current

6 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            |
|--------------|----------|-------------|-------|-------|----------------------|
| 9395 0101000 | 1,000 FT | 36.000 LB   | BLACK | C     | #18 STR EPDM BRD CPE |

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3    Revision Date: 05-10-2010

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

determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.