

9396 Coax - Single-Conductor, High-Impedance Cables

 For more Information
 please call

1-800-Belden1

**General Description:**

25 AWG stranded (7x33) composite copper conductor, PVC insulation, (3) strands TC, (4) strands TCCS, TC spiral shield (90% coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	25	3x33	High Conductivity TC - Tinned Copper	.021
		4x33	TCCS - Tinned Copper Covered Steel	

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	0.058

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	90

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.100 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	7 lbs/1000 ft.
Max. Recommended Pulling Tension:	12 lbs.
Min. Bend Radius/Minor Axis:	1 in.

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
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

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Impedance (Ohm)

31

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

75

Maximum Capacitance Conductor to Shield:

Capacitance (pF/ft)

75

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

46

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

17

Max. Operating Voltage - Non-UL:

Voltage

300 V DC

Max. Recommended Current:

Current

1.9 Amps per conductor @ 25°C (10°C rise)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9396 U90250	250 FT	2.500 LB	GRAY, MATTE		1 #25 PVC SHLD PVC

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