

## 9396 Coax - Single-Conductor, High-Impedance Cables

For more Information  
please call

1-800-Belden1

**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. (mm)
1	25	3x33	High Conductivity TC - Tinned Copper	0.5334
		4x33	TCCS - Tinned Copper Covered Steel	

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

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PVC - Polyvinyl Chloride	0.4572	1.4732

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

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

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

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.4318

**Overall Cable**

Overall Nominal Diameter: 2.540 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	10.417 Kg/Km
Max. Recommended Pulling Tension:	53.378 N
Min. Bend Radius (Install)/Minor Axis:	25.400 mm

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

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MII Order #39 (China RoHS): Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)

31

## Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

246.075

## Maximum Capacitance Conductor to Shield:

Capacitance (pF/m)

246.075

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

150.926

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

55.777

## Max. Operating Voltage - Non-UL:

Voltage

1000 V DC

## Max. Recommended Current:

Current

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

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9396 U90250	76 MT	1.134 KG	GRAY, MATTE		1 #25 PVC SHLD PVC

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