

9396 Coax - Single-Conductor, High-Impedance Cables

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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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:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
AWG	25
Stranding	3x33, 4x33
Conductor Diameter	.021 in.
Conductor Material	High Conductivity TC - Tinned Copper, TCCS - Tinned Copper Covered Steel

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.018 in.
Insulation Diameter	.058 in.

OUTER SHIELD:

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

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.017 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.100 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	7.1 lbs/1000 ft.
Max. Recommended Pulling Tension	12 lbs.
Min. Bend Radius (Install)	1 in.

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APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	31 Ohms
Nom. Capacitance Conductor to Shield	75 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	46 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	17 Ohms/1000 ft
Max. Operating Voltage - Non-UL	1000 V DC
Max. Recommended Current	1.9 Amps per conductor @ 25°C (10°C rise)

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9396 U90250	1 #25 PVC SHLD PVC	250	2.75	GRAY, MATTE	

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