

1525A Coax - CATV Cable



Description

14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II + aluminum braid shield (60% coverage), polyethylene jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BCCS - Bare Copper Covered Steel	0.064

Insulation:

Insulation Material

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	0.280

Outer Shield:

Outer Shield Material

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	60

Outer Shield Corrosion Resistance

CoreGuard®

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PE - Polyethylene

Overall Cabling:

Overall Nominal Diameter: .400 in.

Mechanical Characteristics (Overall):

Operating Temperature Range -50°C To +80°C

Non-UL Temperature Rating 80°C

Bulk Cable Weight: 46 lbs/1000 ft.

Max. Recommended Pulling Tension: 260 lbs.

Min. Bend Radius (Install)/Minor Axis: 4.500 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

EU CE Mark (Y/N) No

EU RoHS Compliant (Y/N) Yes

EU RoHS Compliance Date (mm/dd/yyyy) 01/01/2004

Series Type Series 11

Suitability:

Suitability - Burial Yes

Plenum/Non-Plenum:

Plenum (Y/N) N

Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
75.000

Nom. Inductance

Inductance (µH/ft)
0.097

Nom. Capacitance Conductor to Shield

Capacitance (pF/ft)
16.200

Nominal Velocity of Propagation

VP (%)
83

Nominal Delay

Delay (ns/ft)
1.200

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
11.000

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.100

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	5.000			0.380
	55.000			0.970
	211.000			1.810
	270.000			2.050
	300.000			2.150
	350.000			2.320
	400.000			2.470
	450.000			2.650
	550.000			2.940
	750.000			3.500
	870.000			3.840
	1000.000			4.230

Max. Operating Voltage - Non-UL

Voltage
300 V RMS

Minimum Structural Return Loss

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
		5.000	1000.000	20.000

Notes (Overall):

Notes Sweep tested 5 MHz to 1 GHz.

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1525A 0031000	1,000 FT	59.000 LB	ORANGE		#14 GIFHDLDPPE SH LDPE ORG
1525A 0101000	1,000 FT	60.000 LB	BLACK		#14 GIFHDLDPPE SH LDPE BLK

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Notes:

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