

# Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1525A Coax - CATV Cable

For more Information  
please call

1-800-Belden1



## 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	.064

### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.280

### Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Bonded Duofol®	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 Cable

Overall Nominal Diameter: 0.400 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 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

EU CE Mark: No

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

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

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

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

MII Order #39 (China RoHS): Yes

Series Type: Series 11

## Suitability

Suitability - Burial: Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)
75

### Nom. Inductance:

Inductance (pH/ft)
.097

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.2

### Nominal Velocity of Propagation:

VP (%)
83

### Nominal Delay:

Delay (ns/ft)
1.2

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
11.0

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.1

### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
5	0.38
55	0.97
211	1.81
270	2.05
300	2.15
350	2.32
400	2.47
450	2.65
550	2.94
750	3.50
870	3.84
1000	4.23

### 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	1000	20

## Notes (Overall)

Notes: Sweep tested 5 MHz to 1 GHz.

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### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

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

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