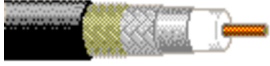


**Part Number: 1525A**

CATV Video, RG11, 14 AWG BCCS, Foil + Braid, Waterblocked, Polyethylene Jacket



### Product Description

CATV, Series 11, 14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II, aluminum braid shield (60% coverage), Waterblocked CoreGuard® flooding grease, polyethylene jacket.

### Technical Specifications

#### Product Overview

Environmental Space:	Outdoor - Water Exposure
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BCCS - Bare Copper Covered Steel	0.064 in	1

Conductor Count:	1
Conductor Size:	14 AWG

##### Insulation

Material	Nominal Diameter
Gas-injected FPE - Foam Polyethylene	0.28 in

##### Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum/Polyester/Aluminum	Bonded Duofoil®	100 %
Braid	2	AL - Aluminum		60 %

Note:	CoreGuard®
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##### Outer Jacket Material

Material	Nominal Diameter
PE - Polyethylene	0.393 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
11 Ohm/1000ft	4.1 Ohm/1000ft	4.1 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Shield
16.2 pF/ft

##### Inductance

Nominal Inductance
0.097 µH/ft

##### Impedance

Nominal Characteristic Impedance
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75 Ohm

#### Return Loss (RL)

Frequency [MHz]	Min. Structural Return Loss (SRL)
5 - 1000 MHz	20 dB

#### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
5 MHz	0.38 dB/100ft
55 MHz	0.97 dB/100ft
211 MHz	1.81 dB/100ft
270 MHz	2.05 dB/100ft
300 MHz	2.15 dB/100ft
350 MHz	2.32 dB/100ft
400 MHz	2.47 dB/100ft
450 MHz	2.65 dB/100ft
550 MHz	2.94 dB/100ft
750 MHz	3.5 dB/100ft
870 MHz	3.84 dB/100ft
1000 MHz	4.23 dB/100ft

#### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.2 ns/ft	83 %

#### Voltage

Non-UL Voltage Rating
300 V RMS

#### Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-50°C To +80°C

#### Mechanical Characteristics

UV Resistance:	Yes
Bulk Cable Weight:	46 lbs/1000ft
Max Recommended Pulling Tension:	260 lbs
Min Bend Radius/Minor Axis:	4 in

#### Standards

RG Type:	11/U Type
Series Type:	Series 11

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

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### Variants

Item #	Color
1525A 0101000	Black
1525A 0031000	Orange

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