

**Product:** <u>9192</u> ☑

Video Triax, RG11, #15 Stranded, CL2X

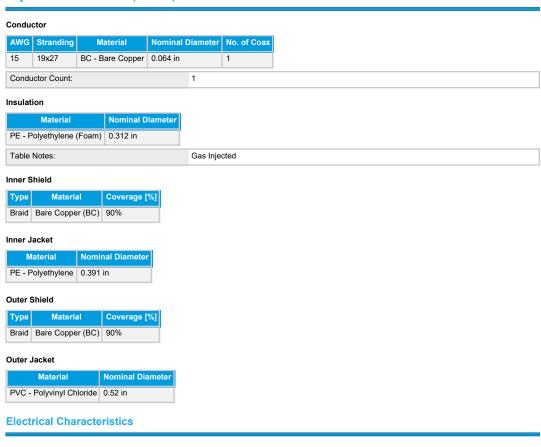


# **Product Description**

15 AWG stranded (19x27) .064" bare copper conductor, foam HDPE insulation, bare copper braid shields (90% and 80% coverage), PVC jacket (polyethylene insulation between braids).

### **Technical Specifications**

### **Physical Characteristics (Overall)**



Conductor DCK	nuació ber			
Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Inner Shield DCR	Nominal Outer Shield DCR	
3.1 Ohm/1000ft	3.1 Ohm/1000ft	1.6 Ohm/1000ft	1.6 Ohm/1000ft	

### Capacitance

Nom. Capacitance Conductor to Shield
17.3 pF/ft

# Inductance

Nominal Inductance

# Impedance

Nominal Characteristic Impedance
75 Ohm

# Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-850 MHz	21 dB

# High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.1 dB/100ft
3.6 MHz	0.3 dB/100ft
10 MHz	0.5 dB/100ft
71.5 MHz	1.2 dB/100ft
135 MHz	1.8 dB/100ft
270 MHz	2.6 dB/100ft
360 MHz	3.1 dB/100ft
540 MHz	3.9 dB/100ft
720 MHz	4.7 dB/100ft
750 MHz	4.8 dB/100ft
1000 MHz	5.7 dB/100ft

### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78%

### Voltage

Non-UL Voltage Rating	UL Voltage Rating	Voltage Rating [V]
300 V RMS	150 V RMS	30 V RMS
	30 V RMS	

Electrical Characteristics Notes:	Nominal Capacitance 1st Shield to 2nd Shield: 205 pf/ft.
Other Electrical Characteristic 2:	Nominal Voltage Breakdown: 20K V RMS

# **Temperature Range**

Non-UL Temp Rating:	75°C
UL Temp Rating:	80°C
Operating Temperature Range:	-40°C To +75°C

# **Mechanical Characteristics**

Bulk Cable Weight:	139 lbs/1000ft
Max. Pull Tension:	239 lbs
Min. Bend Radius/Minor Axis:	5.5 in

### **Standards**

NEC/(UL) Compliance:	CL2X
UL AWM Style Compliance:	AWM 1641 (30 V 80°C)
CPR Euroclass:	Eca
RG Type:	11

# **Applicable Environmental and Other Programs**

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
MII Order #39 (China RoHS):	Yes

# Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black for permanent outdoor installations; all colors suitable for outdoor field deployable use

### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading, VW-1
UL voltage rating:	150 V RMS

### Plenum/Non-Plenum

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Plenum (Y/N):	No	

#### **Related Part Numbers**

#### Variants

Item #	Color Put-Up Type	Length	UPC
9192 0041000	Yellow Reel	1,000 ft	612825225201
Footnote:			C - CRATE F

#### History

Update and Revision:	Revision Number: 0.370 Revision Date: 02-03-2025			

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