

Product: [9192](#) 

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

AWG	Stranding	Material	Nominal Diameter	No. of Coax
15	19x27	BC - Bare Copper	0.064 in	1

Conductor Count:1

Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.312 in

Table Notes:Gas Injected

Inner Shield Material

Type	Material	Coverage [%]
Braid	BC - Bare Copper	90%

Inner Jacket Material

Material	Nominal Diameter
PE - Polyethylene	0.391 in

Outer Shield Material

Type	Material	Coverage [%]
Braid	Bare Copper (BC)	90%

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.52 in

Electrical Characteristics

Conductor DCR				
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				
0.097 µH/ft				

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 Temp 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:	UL Style 1641 (30 V 80°C)
RG Type:	11/U Type

Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	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
MII Order #39 (China RoHS):	Yes

Suitability

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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

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9192 0041000	Yellow	Reel	1,000 ft	612825225201

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.231 Revision Date: 04-28-2020
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