

Product: <u>9192</u> ☑

Video Triax, RG11, #15 Stranded, CL2X

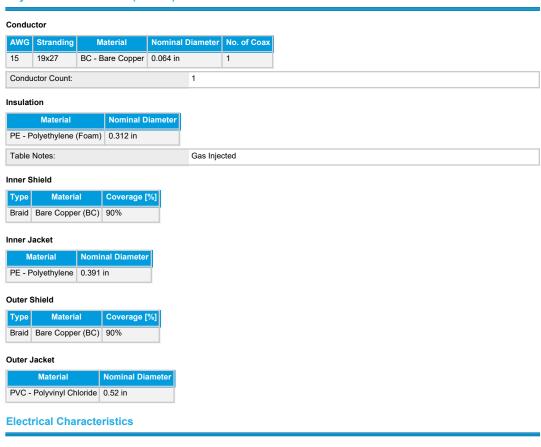


Product Description

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)



Colludator DCK			
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

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color Put-l	ut-Up Type L	Length	UPC
9192 0041000	Yellow Reel	eel 1	1,000 ft	612825225201
Footnote:				C - CRATE R

History

Update and Revision:	Revision Number: 0.368 Revision Date: 12-19-2022

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