



Product: [8261](#)

Analog Video, RG11, #18 Str TC, 95% BC Braid, PVC Jacket, CXC

Product Description

18 AWG stranded (7x26) .048" tinned copper conductor, polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	SDI coax
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Construction Details

RG Type:	11
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Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	18 AWG	7x26	0.048 in	TC - Tinned Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene	0.285 in (7.24 mm)	White

Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	95%

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride (Non-Contaminating)	0.405 in (10.3 mm)

Overall Cable Diameter (Nominal):	0.405 in (10.3 mm)
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Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.2 dB/100ft
10 MHz	0.7 dB/100ft
50 MHz	1.3 dB/100ft
100 MHz	2 dB/100ft
200 MHz	2.9 dB/100ft
400 MHz	4.2 dB/100ft
700 MHz	5.8 dB/100ft
900 MHz	6.8 dB/100ft
1000 MHz	7.1 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
6.1 Ohm/1000ft (20 Ohm/km)	1.2 Ohm/1000ft (3.9 Ohm/km)	20.5 pF/ft (67.3 pF/m)	75 Ohm	66%

Voltage

UL Voltage Rating
3700 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-40°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
4.00 in (102 mm)	4.00 in (102 mm)

Max. Pull Tension:	143 lbs (64.9 kg)
Bulk Cable Weight:	95 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor
Flammability / Reaction to Fire:	[delete], IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
CEC / C(UL) Compliance:	CXC
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.407 Revision Date: 04-29-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8261 010500	Black	Reel	500 ft	612825197447	C
8261 0101000	Black	Reel	1,000 ft	612825358121	C

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