


**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)

**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: 0.409 Revision Date: 09-07-2025

## 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

Footnote: C - CRATE REEL PUT-UP.

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