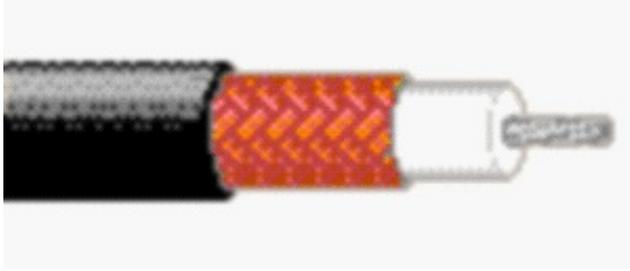


**Part Number:** 8238

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



## Product Description

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

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
18	7x26	TC - Tinned Copper	0.048 in	1
Total Number of Conductors:			1	

#### Insulation:

Material	Nominal Diameter
FR Semi-Foam PE - Flame Retardant Semi-Foam Polyethylene	0.285 in

#### Outershield 1:

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

#### Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.405 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
6.1 Ohm/1000ft	1.2 Ohm/1000ft

## Capacitance:

### Nom. Capacitance Conductor to Shield

20.5 pF/ft

## Impedance:

### Nominal Characteristic Impedance

75 Ohm

## High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
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

## Delay:

### Nominal Delay

### Nominal Velocity of Propagation (VP) [%]

1.54 ns/ft

66 %

## Inductance:

### Nominal Inductance

0.115  $\mu$ H/ft

## Voltage:

### UL Voltage Rating

300V RMS V

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	143 lbs

## Safety

UL Flammability:	UL1685 UL Loading
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## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CM
RG Type:	11/U
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No

## Product Variants

Part Number	Color	Put-Up Type	Length
8238	BLACK	Reel	1000 ft
8238	BLACK	Reel	305 m
8238 0101000	BLACK	Reel	1000 ft
8238	BLACK	Reel	500 ft
8238	BLACK	Reel	152 m
8238 010500	BLACK	Reel	500 ft
8238			

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