



Product: [9221](#)

Analog Video, #30 Str TC, 90% TC Braid, PVC Jacket



## Product Description

30 AWG stranded (7x38) .012" tinned copper conductor, foam HDPE insulation, tinned copper braid shield (90% coverage), PVC jacket.

## Technical Specifications

### Product Overview

Suitable Applications:	Analog video, Composite Video, Video Distribution
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### Construction Details

#### Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	30 AWG	7x38	0.012 in	TC - Tinned Copper

#### Insulation

Material	Nom. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Foam)	0.058 in (1.5 mm)	White	HDPE

#### Outer Shield

Outer Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	90%

#### Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.097 in (2.5 mm)

Overall Cable Diameter (Nominal):	0.097 in (2.5 mm)
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### Electrical Characteristics

#### Attenuation

Frequency	Nom. Attenuation
1 MHz	0.7 dB/100ft
3.6 MHz	1.3 dB/100ft
5 MHz	1.6 dB/100ft
7 MHz	1.9 dB/100ft
9 MHz	2.1 dB/100ft
10 MHz	2.2 dB/100ft
50 MHz	5.1 dB/100ft
70 MHz	6.1 dB/100ft
100 MHz	7.3 dB/100ft
200 MHz	10.5 dB/100ft
400 MHz	15.5 dB/100ft
700 MHz	21.5 dB/100ft
900 MHz	24.8 dB/100ft
1000 MHz	26.6 dB/100ft

## Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
100 Ohm/1000ft (330 Ohm/km)	11.7 Ohm/1000ft (38.4 Ohm/km)	17.3 pF/ft (56.8 pF/m)	75 Ohm	78%

## Voltage

UL Voltage Rating
30 V RMS

## Mechanical Characteristics

### Temperature

UL Temperature	Operating
60°C	-30°C To +75°C

### Bend Radius

Stationary Min.	Installation Min.
0.25 in (6.4 mm)	0.25 in (6.4 mm)

Max. Pull Tension:	65.4 lbs (29.7 kg)
Bulk Cable Weight:	6 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
AWM Compliance:	AWM 1375 (30 V 60°C)
European Directive Compliance:	EU CE Mark, 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)

## Product Notes

Notes:	(1)RG Type :-In Stibo it was Ultra Miniature 59 But in BPCS it is not there. (2)# Elements@Conductor1:-In Stibo it was Blank and now changed to 1. (3)Size@Conductor1 :-In Stibo it was 30 now changed to 30AWG (4)Color@Color Chart1 01 :- In stibo it was Blank now Changed to White (5)Coverage@OuterShield1 2 - in stibo it was 90% Now changed to 88% (6)Cable Diameter (Nominal)- In Stibo it was Blank Now Changed to 0.097 in
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## History

Update and Revision:	Revision Number: 0.435 Revision Date: 04-04-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
9221 010100	Black	Reel	100 ft	612825358848
9221 010500	Black	Reel	500 ft	612825358152
9221 010U500	Black	UnReel	500 ft	612825358862

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