



Product: [89259](#)

75 Ohm Analog Video Coax, RG-59, 22 AWG Str BC, 95% BC Braid, FEP Jkt, CMP

Product Description

75 Ohm Analog Video Coax, RG-59, 22 AWG (7x30) Bare Copper Conductor , FEP Insulation, 95% Bare Copper Braid Shield, FEP Jacket, CMP

Technical Specifications

Product Overview

Suitable Applications:	Standard analog video
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Construction Details

RG Type:	59
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Conductor

Size	Stranding	Nom. Diameter	Material
22 AWG	7x30	0.029 in	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
FEP - Fluorinated Ethylene Propylene (Foam)	0.135 in (3.43 mm)	White

Outer Shield

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

Outer Jacket

Material	Nom. Diameter
FEP - Fluorinated Ethylene Propylene	0.193 in (4.90 mm)

Overall Cable Diameter (Nominal):	0.193 in (4.90 mm)
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Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.3 dB/100ft
10 MHz	0.9 dB/100ft
50 MHz	2.1 dB/100ft
100 MHz	3 dB/100ft
200 MHz	4.5 dB/100ft
400 MHz	6.6 dB/100ft
700 MHz	9.0 dB/100ft
900 MHz	10.1 dB/100ft
1000 MHz	11.0 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
15 Ohm/1000ft	2.6 Ohm/1000ft (8.5 Ohm/km)	17.3 pF/ft (56.8 pF/m)	75 Ohm	78%

Voltage

UL Voltage Rating
300 V (CMP)

## Mechanical Characteristics

### Temperature

Operating
-70°C to +200°C

### Bend Radius

Installation Min.
2.5 in (64 mm)

Max. Pull Tension:	70 lbs (32 kg)
Bulk Cable Weight:	34 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, UV Resistance, Aerial - When supported by messenger wire
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	NFPA 262
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, 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)
Non-Plenum Number:	9259

## History

Update and Revision:	Revision Number: 0.486 Revision Date: 04-29-2024
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
89259 010100	Black	Reel	100 ft	612825220824	
89259 010500	Black	Reel	500 ft	612825220916	C
89259 0101000	Black	Reel	1,000 ft	612825220831	C

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