Belden



Product: 9259

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

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Standard analog video

Construction Details

RG Type:	59

Conductor

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

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene (Foam)	0.146 in (3.71 mm)	White

Outer Shield

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

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.240 in (6.10 mm)

Overall Cable Diameter (Nominal):	0.240 in (6.10 mm)

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.3 dB/100ft
5 MHz	0.65 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	8.9 dB/100ft
900 MHz	10.1 dB/100ft
1000 MHz	10.9 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 (CM), 30 V (UL AWM 1354)

Mechanical Characteristics

Temperature

Operating
-40°C to +80°C

Bend Radius

Installation Min.
2.4 in (61 mm)

Max. Pull Tension:	65 lbs (29 kg)
Bulk Cable Weight:	33 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor, Aerial - Black only, When supported by messenger wire
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 UL Loading
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	CM
AWM Compliance:	AWM 1354
CEC / C(UL) Compliance:	CM
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)
Plenum Number:	89259

History

Update and Revision:	Revision Number: 0.493 Revision Date: 02-20-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9259 010500	Black	Reel	500 ft	612825354987	C
9259 0101000	Black	Reel	1,000 ft	612825352969	C
9259 0101200	Black	Reel	1,200 ft	612825352921	
9259 0101500	Black	Reel	1,500 ft	612825358787	
9259 0105000	Black	Reel	5,000 ft	612825358909	C

Footnote:	C - CRATE REEL PUT-UP.

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