



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 |
|------------------------|-----------------------|

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 |
|---|--------------------------|
| FEP - Fluorinated Ethylene Propylene (Foam) | 0.135 in (3.43 mm) |

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) |
|-----------------------------------|--------------------|

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 (49 Ohm/km) | 2.6 Ohm/1000ft (8.5 Ohm/km) | 18.0 pF/ft (59.1 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. |
| 1.9 in |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 52 lbs (24 kg) |
| Bulk Cable Weight: | 34 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor/Outdoor, Indoor, Outdoor, UV Resistance |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | NFPA 262 |
| 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) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Non-Plenum Number: | 9259 |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.317 Revision Date: 11-15-2021 |
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Variants

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

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