


**Product:** [89259](#) 

75 Ohm Analog Video Coax, RG59, 22 AWG, Stranded BC, 95% BC Braid, FEP Jkt, CMP



**Product Description**

75 Ohm Analog Video Coax, RG59, 22 AWG, 7x30 Bare Copper Conductor , FEP Insulation, 95% Bare Copper Braid Shield, FEP Jacket, CMP rated

**Technical Specifications**

**Product Overview**

|                        |                       |
|------------------------|-----------------------|
| Suitable Applications: | Standard analog video |
|------------------------|-----------------------|

**Construction Details**

|          |    |
|----------|----|
| RG Type: | 59 |
|----------|----|

**Conductor**

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

**Insulation**

| Material                                    | Nom. Diameter |
|---|---------------|
| FEP - Fluorinated Ethylene Propylene (Foam) | 0.135         |

**Outer Shield Material**

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

**Outer Jacket Material**

| Material                             | Nom. Diameter |
|--------------------------------------|---------------|
| FEP - Fluorinated Ethylene Propylene | 0.193 in      |

**Electrical Characteristics**

**Attenuation**

| Frequency | Nom. Attenuation [dB/100ft] |
|-----------|-----------------------------|
| 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. Impedence | Nom. Velocity |
|--------------------|-----------------------|---------------------------------|----------------|---------------|
| 15 Ohm/1000ft      | 2.6 Ohm/1000ft        | 18.0 pF/ft                      | 75 Ohm         | 78%           |

**Voltage**

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 300 V RMS (CMP)          |

## Mechanical Characteristics

### Temperature

|                  |
|------------------|
| <b>Operating</b> |
| -70°C To +200°C  |

### Bend Radius

|                        |
|------------------------|
| <b>Stationary Min.</b> |
| 2 in                   |

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

## Standards and Compliance

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

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.272 Revision Date: 06-12-2020 |
|----------------------|--|

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