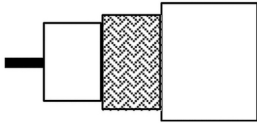


**Product:** [MRG1791](#) 



MRG1791 - Analog Video, RG179 Type, 30 AWG Stranded SCCS, 85% TC Braids, PVC Jkt

## Product Description

Analog Video, RG179 Type, 30 AWG Stranded Silver Copper Covered Steel Conductor, 85% Tinned Copper Braid Shield, PVC Jacket

## Technical Specifications

### Product Overview

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

### Construction Details

|          |     |
|----------|-----|
| RG Type: | 179 |
|----------|-----|

#### Conductor

| No. of Elements | Size   | Stranding | Nom. Diameter | Material                             |
|-----------------|--------|-----------|---------------|--------------------------------------|
| 1               | 30 AWG | Stranded  | 0.3 mm        | SCCS - Silvered Copper Covered Steel |

#### Insulation

| Element             | Material          | Nom. Insulation Diameter |
|---------------------|-------------------|--------------------------|
| Insulated Conductor | PE - Polyethylene | 1.6 mm (0.063 in)        |

#### Outer Shield

| Outer Shield Type | Material           | Coverage |
|-------------------|--------------------|----------|
| Braid             | Tinned Copper (TC) | 85%      |

#### Outer Jacket

| Material                 | Nom. Diameter |
|--------------------------|---------------|
| PVC - Polyvinyl Chloride | 2.8 mm        |

|              |                            |
|--------------|----------------------------|
| Table Notes: | According to EN 50290-2-20 |
|--------------|----------------------------|

### Electrical Characteristics

|                          |            |
|--------------------------|------------|
| Regularity of Impedance: | Min. 40 dB |
|--------------------------|------------|

#### Attenuation

| Frequency | Nom. Attenuation |
|-----------|------------------|
| 10 MHz    | 15 dB/100m       |
| 100 MHz   | 27 dB/100m       |
| 1000 MHz  | 85 dB/100m       |

#### Electricals

| Max. Conductor DCR          | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedance | Nom. Velocity of Prop. |
|-----------------------------|---------------------------------|-------------------------------|------------------------|
| 802 Ohm/km (244 Ohm/1000ft) | 67 pF/m (20 pF/ft)              | 75 Ohm                        | 66%                    |

#### Voltage

| Voltage Rating         |
|------------------------|
| 2000 V DC / 1000 V RMS |

### Mechanical Characteristics

## Temperature

| Operating      | Installation  | Storage        |
|----------------|---------------|----------------|
| -25°C To +70°C | -5°C To +50°C | -25°C To +70°C |

## Standards and Compliance

|                                |                    |
|--------------------------------|--------------------|
| Environmental Suitability:     | Indoor/Outdoor     |
| CPR Compliance:                | CPR Euroclass: Fca |
| Military Compliance:           | MIL-C-17           |
| European Directive Compliance: | EU CE Mark         |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.196 Revision Date: 04-29-2024 |
|----------------------|--|

## Part Numbers

### Variants

| Item #        | Color | Putup Type | Length | EAN           |
|---------------|-------|------------|--------|---------------|
| MRG1791.0050  | Black | Reel       | 50 m   | 8719605102935 |
| MRG1791.00100 | Black | Reel       | 100 m  | 8719605102928 |
| MRG1791.00150 | Black | Reel       | 150 m  | 8719605162977 |

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