

Standard Analog Video Cable

RG-59/U Type



| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Diameter Nom. DCR | Nominal Core OD | | Shielding Materials Nom. DCR | Nominal OD | | Nom. Imp. (Ω) | Nom. Vel. of Prop. | Nominal Capacitance | | Nominal Attenuation | | |
|-------------|----------|------------------------------|------------------|---|----------------------|----|---|-----------------|----|------------------------------|------------|----|---------------|--------------------|---------------------|------|---------------------|------------|---------|
| | | | Ft. | m | Lbs. | kg | | Inch | mm | | Inch | mm | | | pF/Ft. | pF/m | MHz | dB/100 Ft. | dB/100m |

20 AWG Solid .032" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (80% Coverage)

Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|------|-------|------|------|--|------|------|---|------|------|----|-----|------|------|------|------|------|
| 75°C | 9240 | — | 1000 | 304.8 | 31.0 | 14.1 | 20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km | .143 | 3.63 | BC Braid 80% Shield Coverage 5.6Ω/M' 18.4Ω/km | .241 | 6.12 | 75 | 78% | 17.3 | 56.7 | 1 | .6 | 2.0 |
| | | | | | | | | | | | | | | | | | 10 | 1.0 | 3.3 |
| | | | | | | | | | | | | | | | | | 50 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

Suitable for Outdoor applications.

20 AWG Solid .032" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)

Foam Polyethylene Insulation • Black Polyethylene Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|--------|---------|------|------|--|------|------|--|------|------|----|-----|------|------|------|------|------|
| 80°C | 8212 | — | U-500 | U-152.4 | 16.5 | 7.5 | 20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km | .143 | 3.63 | BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km | .242 | 6.15 | 75 | 78% | 17.3 | 56.7 | 1 | .6 | 2.0 |
| | | | 500 | 152.4 | 15.0 | 6.8 | | | | | | | | | | | 10 | 1.0 | 3.3 |
| | | | U-1000 | U-304.8 | 31.0 | 14.1 | | | | | | | | | | | 50 | 2.1 | 6.9 |
| | | | 1000 | 304.8 | 33.0 | 15.0 | | | | | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

Suitable for Outdoor and Aerial applications when supported by a Messenger Wire.

Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|--------------------------|------|-------|------|------|--|------|------|---|------|------|----|-----|------|------|------|------|------|
| 80°C | 9274 | NEC: CM CEC: CM | 500 | 152.4 | 15.5 | 7.0 | 20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km | .143 | 3.63 | BC Braid 95% Shield Coverage 3.5Ω/M' 11.5Ω/km | .240 | 6.10 | 75 | 82% | 16.3 | 53.5 | 1 | .6 | 2.0 |
| | | | 1000 | 304.8 | 35.0 | 15.9 | | | | | | | | | | | 10 | 1.0 | 3.3 |
| | | | | | | | | | | | | | | | | | 50 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

Suitable for Outdoor applications.

20 AWG Solid .032" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------|------------|--------|---------|------|------|---|------|------|--|------|------|----|-----|------|------|------|-----|------|
| UL AWM Style 1354 (30V 75°C) | 1426A | NEC: CM | U-1000 | U-304.8 | 35.0 | 15.9 | 20 AWG (solid) .032" BC 10.0Ω/M' 32.8Ω/km | .145 | 3.68 | BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km | .242 | 6.15 | 75 | 83% | 16.3 | 53.5 | 1 | .3 | 1.0 |
| | | | | | | | | | | | | | | | | | 5 | .7 | 2.1 |
| | | | | | | | | | | | | | | | | | 10 | .9 | 3.0 |
| | | | | | | | | | | | | | | | | | 50 | 1.9 | 6.2 |
| | | | | | | | | | | | | | | | | | 100 | 2.6 | 8.5 |
| | | | | | | | | | | | | | | | | | 200 | 3.6 | 11.8 |
| | | | | | | | | | | | | | | | | | 400 | 5.0 | 16.4 |
| | | | | | | | | | | | | | | | | | 700 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 900 | 8.0 | 26.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.5 | 27.9 |

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance