

Standard Analog Video Cable

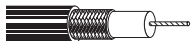
75 Ohm Miniature Coax



| 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 |

30 AWG Stranded (7x38) .012" Tinned Copper Conductor • Tinned Copper Braid Shield (89% Coverage)**Foam HDPE Insulation • Black PVC Jacket**

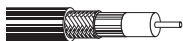
| | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------|---|-------|---------|-----|-----|-----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9221 | — | 100 | 30.5 | 1.5 | .7 | 30 AWG | .058 | 1.47 | TC Braid | .097 | 2.46 | 75 | 78% | 17.3 | 56.8 | 1 | .7 | 2.3 |
| Style 1375 (30V 60°C) | | | U-500 | U-152.4 | 4.0 | 1.8 | (7x38) | | | 89% Shield | | | | | | | 3.6 | 1.3 | 4.3 |
| | | | 500 | 152.4 | 4.0 | 1.8 | .012" | | | Coverage | | | | | | | 4 | 1.3 | 4.3 |
| | | | | | | | TC | | | 11.7Ω/M' | | | | | | | 5 | 1.6 | 5.2 |
| | | | | | | | 100.0Ω/M' | | | 38.4Ω/km | | | | | | | 7 | 1.9 | 6.2 |
| | | | | | | | 328.0Ω/km | | | | | | | | | | 9 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 10 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 50 | 5.1 | 16.7 |
| | | | | | | | | | | | | | | | | | 70 | 6.1 | 20.0 |
| | | | | | | | | | | | | | | | | | 100 | 7.3 | 23.9 |
| | | | | | | | | | | | | | | | | | 200 | 10.5 | 34.4 |
| | | | | | | | | | | | | | | | | | 400 | 15.5 | 50.9 |
| | | | | | | | | | | | | | | | | | 700 | 21.5 | 70.5 |
| | | | | | | | | | | | | | | | | | 900 | 24.8 | 81.4 |
| | | | | | | | | | | | | | | | | | 1000 | 26.6 | 87.3 |

**27 AWG Stranded (7x35) .017" Bare Copper-covered Steel Conductor • Tinned Copper Braid Shield (93% Coverage)****Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------|---|--------|---------|------|-----|-----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 8218 | — | U-500 | U-152.4 | 8.5 | 3.8 | 27 AWG | .100 | 2.54 | TC Braid | .150 | 3.81 | 75 | 66% | 20.5 | 67.3 | 1 | 1.2 | 3.9 |
| Style 1354 (30V 60°C) | | | 500 | 152.4 | 8.0 | 3.6 | (7x35) | | | 93% Shield | | | | | | | 10 | 2.4 | 7.9 |
| | | | U-1000 | U-304.8 | 16.0 | 7.3 | .017" | | | Coverage | | | | | | | 50 | 4.2 | 13.8 |
| | | | 1000 | 304.8 | 14.0 | 6.4 | BCCS | | | 5.7Ω/M' | | | | | | | 100 | 5.7 | 18.7 |
| | | | | | | | 120.0Ω/M' | | | 18.7Ω/km | | | | | | | 200 | 8.3 | 27.2 |
| | | | | | | | 393.7Ω/km | | | | | | | | | | 400 | 12.1 | 39.7 |
| | | | | | | | | | | | | | | | | | 700 | 16.5 | 54.1 |
| | | | | | | | | | | | | | | | | | 900 | 19.0 | 62.3 |
| | | | | | | | | | | | | | | | | | 1000 | 20.0 | 65.6 |

**Miniature • 25 AWG Solid .018" Tinned Copper Conductors • Duobond® (100% Coverage) + TC Braid Shield (95% Coverage)****Gas-injected Foam HDPE Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | | |
|--------|--------------|----------------------------|---|------|-------|-----|-----|-----------|------|------|--|------|------|----|-----|------|------|------|------|-------|
| UL AWM | 1281R | NEC: CMR CEC: CMG | 1 | 1000 | 304.8 | 8.0 | 3.6 | 25 AWG | .074 | 1.88 | Duobond (100%) + 95% TC Braid | .114 | 2.90 | 75 | 80% | 17.0 | 55.8 | 1 | .5 | 1.7 |
| | new | | | | | | | (solid) | | | | | | | | | | 5 | 1.2 | 3.8 |
| | | | | | | | | .018" | | | | | | | | | | 50 | 3.7 | 12.1 |
| | | | | | | | | TC | | | TC Braid | | | | | | | 100 | 4.9 | 16.1 |
| | | | | | | | | 34.0Ω/M' | | | 5.4Ω/M' | | | | | | | 200 | 6.7 | 22.0 |
| | | | | | | | | 111.6Ω/km | | | 17.7Ω/km | | | | | | | 400 | 9.5 | 31.2 |
| | | | | | | | | | | | | | | | | | | 700 | 13.4 | 44.0 |
| | | | | | | | | | | | | | | | | | | 900 | 15.0 | 49.2 |
| | | | | | | | | | | | | | | | | | | 1000 | 15.8 | 51.8 |
| | | | | | | | | | | | | | | | | | | 3000 | 31.2 | 102.4 |

**Plenum • FPFA Insulation • Black Flamarrest® Jacket**

| | | | | | | | | | | | | | | | | | | | | |
|--------|--------------|--------------------------------|---|------|-------|------|-----|-----------|------|------|--|------|------|----|-----|------|------|------|------|-------|
| UL AWM | 1282P | NEC: CMP CEC: CMP FT6 | 1 | 1000 | 304.8 | 10.0 | 4.5 | 25 AWG | .074 | 1.88 | Duobond (100%) + 95% TC Braid | .114 | 2.90 | 75 | 81% | 17.0 | 55.8 | 1 | .4 | 1.3 |
| | new | | | | | | | (solid) | | | | | | | | | | 5 | .9 | 3.0 |
| | | | | | | | | .018" | | | | | | | | | | 50 | 3.7 | 12.1 |
| | | | | | | | | TC | | | TC Braid | | | | | | | 100 | 5.0 | 16.4 |
| | | | | | | | | 31.8Ω/M' | | | 5.8Ω/M' | | | | | | | 200 | 7.0 | 23.0 |
| | | | | | | | | 104.3Ω/km | | | 19.0Ω/km | | | | | | | 400 | 10.0 | 32.8 |
| | | | | | | | | | | | | | | | | | | 700 | 14.5 | 47.6 |
| | | | | | | | | | | | | | | | | | | 900 | 17.0 | 55.8 |
| | | | | | | | | | | | | | | | | | | 1000 | 17.5 | 57.4 |
| | | | | | | | | | | | | | | | | | | 3000 | 37.0 | 121.4 |

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FPFA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • TC = Tinned Copper

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 |

23 AWG Solid .023" Bare Copper or Bare Copper-covered Steel Conductor (see below) • Bare Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|---------------------|---------|-------|------|----------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 75°C) VW-1 | 8241 | NEC: CM | 100 | 30.5 | 4.4 | 2.0 | 23 AWG (solid) .023" | .146 | 3.71 | BC Braid 95% Shield Coverage | .240 | 6.10 | 75 | 66% | 20.5 | 67.3 | 1 | .6 | 2.0 |
| | | | U-500 | U-152.4 | 19.5 | 8.9 | | | | | | | | | | | 10 | 1.1 | 3.6 |
| | | | 500 | 152.4 | 18.5 | 8.4 | | | | | | | | | | | 50 | 2.4 | 7.9 |
| | | | U-1000 [▲] | U-304.8 | 38.0 | 17.2 | BCCS | | | 2.6Ω/M' | | | | | | | 100 | 3.4 | 11.2 |
| | | | 1000 | 304.8 | 40.0 | 18.1 | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.9 | 16.1 |
| | | | 2000 | 609.6 | 80.0 | 36.3 | 160.7Ω/km | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | 5000 | 1524.0 | 200.0 | 90.7 | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |

[▲]U-1000 ft. put-up also available in Red, Yellow, Green, Lt. Blue, White or Orange.

Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------|--------------------------------|--------|---------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 75°C) | 8241A | NEC: CMG CEC: CMG FT4 | U-1000 | U-304.8 | 40.0 | 18.1 | 23 AWG (solid) .023" | .146 | 3.71 | BC Braid 95% Shield Coverage | .242 | 6.15 | 75 | 66% | 20.5 | 67.3 | 1 | .6 | 2.0 |
| | | | 1000 | 304.8 | 42.0 | 19.1 | BCCS | | | 2.6Ω/M' | | | | | | | 5 | .9 | 3.0 |
| | | | | | | | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 10 | 1.1 | 3.6 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 50 | 2.4 | 7.9 |
| | | | | | | | | | | | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | | | | | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 900 | 11.7 | 38.4 |
| | | | | | | | | | | | | | | | | | 1000 | 13.2 | 43.3 |

Suitable for Indoor and Outdoor applications.

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------|--------------------------|--------|---------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 80°C) | 8241B | NEC: CM CEC: CM | U-1000 | U-304.8 | 36.0 | 16.3 | 23 AWG (solid) .023" | .146 | 3.71 | BC Braid 95% Shield Coverage | .242 | 6.15 | 75 | 66% | 20.5 | 67.3 | 1 | .4 | 1.3 |
| | | | 1000 | 304.8 | 37.0 | 16.8 | BC | | | 2.9Ω/M' | | | | | | | 10 | 1.1 | 3.6 |
| | | | | | | | 20.4Ω/M' | | | 9.5Ω/km | | | | | | | 50 | 2.4 | 7.9 |
| | | | | | | | 66.9Ω/km | | | | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | | | | | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |

Suitable for Indoor and Outdoor applications.

22 AWG Stranded (7x30) .030" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)

Foam Polyethylene Insulation • PVC Jacket (Available in Matte Black, Red, Blue, Green, White, Gray or Yellow)

| | | | | | | | | | | | | | | | | | | | |
|-------------------|--------------|---|------|-------|------|------|---------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| High-Flex 60°C | 8241F | — | 1000 | 304.8 | 35.0 | 15.9 | 22 AWG (7x30) .030" | .146 | 3.71 | BC Braid 95% Shield Coverage | .242 | 6.15 | 75 | 78% | 17.3 | 56.8 | 1 | .3 | 1.0 |
| | | | | | | | BC | | | 2.6Ω/M' | | | | | | | 10 | .9 | 3.0 |
| | | | | | | | 15.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.1 | 6.9 |
| | | | | | | | 49.2Ω/km | | | | | | | | | | 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 |

23 AWG Solid .023" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (97% Coverage)

Plenum • FEP Insulation • Black FEP Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------|--------------|--------------------------------|-------------------|-------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-------|------|------|------|------|------|
| 200°C | 88241 | NEC: CMP CEC: CMP FT6 | 500 [†] | 152.4 | 18.0 | 8.2 | 23 AWG (solid) .023" | .132 | 3.35 | BC Braid 97% Shield Coverage | .190 | 4.83 | 75 | 69.5% | 19.5 | 64.0 | 1 | .5 | 1.6 |
| | | | 1000 [†] | 304.8 | 36.0 | 16.3 | BCCS | | | 2.6Ω/M' | | | | | | | 10 | 1.0 | 3.3 |
| | | | | | | | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.3 | 7.5 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 100 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 200 | 5.2 | 17.1 |
| | | | | | | | | | | | | | | | | | 400 | 8.4 | 27.6 |
| | | | | | | | | | | | | | | | | | 700 | 11.6 | 38.0 |
| | | | | | | | | | | | | | | | | | 900 | 13.8 | 45.3 |
| | | | | | | | | | | | | | | | | | 1000 | 14.8 | 48.6 |

Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flammarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|--------------------------------|---------------------|---------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-------|------|------|------|------|------|
| 75°C | 82241 | NEC: CMP CEC: CMP FT6 | U-500 [†] | U-152.4 | 18.5 | 8.4 | 23 AWG (solid) .023" | .134 | 3.35 | BC Braid 97% Shield Coverage | .190 | 4.83 | 75 | 69.5% | 19.5 | 64.0 | 1 | .5 | 1.6 |
| | | | U-1000 [†] | U-304.8 | 36.0 | 16.3 | BCCS | | | 2.6Ω/M' | | | | | | | 10 | 1.0 | 3.3 |
| | | | 1000 [†] | 304.8 | 34.0 | 15.4 | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.3 | 7.5 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 100 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 200 | 5.2 | 17.1 |
| | | | | | | | | | | | | | | | | | 400 | 8.4 | 27.6 |
| | | | | | | | | | | | | | | | | | 700 | 11.6 | 38.0 |
| | | | | | | | | | | | | | | | | | 900 | 13.8 | 45.3 |
| | | | | | | | | | | | | | | | | | 1000 | 14.8 | 48.6 |

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

[†]Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

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 |

22 AWG Solid Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|------|------|-----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 8263 | NEC: | U-500 | U-152.4 | 19.5 | 8.9 | 22 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 75 | 66% | 20.5 | 67.3 | 1 | .6 | 2.0 |
| Style 1354 | | CMX: | U-1000 | U-304.8 | 38.0 | 17.2 | (solid) | | | 95% Shield | | | | | | | 10 | 1.1 | 3.6 |
| (30V 60°C) | | CEC: | 1000 | 304.8 | 39.0 | 17.7 | .023" | | | Coverage | | | | | | | 50 | 2.4 | 7.9 |
| | | CMX: | | | | | BCCS | | | 2.6Ω/M' | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |

Non-contaminating Black PVC Jacket. Suitable for Indoor and Outdoor applications.

Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|--------|---------|------|------|-----------|------|------|------------|------|------|----|-----|------|------|------|-----|------|
| 75°C | 8221 | — | U-500 | U-152.4 | 18.5 | 8.4 | 22 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 80 | 78% | 16.3 | 53.5 | 1 | .4 | 1.4 |
| | | | 500 | 152.4 | 17.0 | 7.7 | (solid) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| | | | U-1000 | U-304.8 | 36.0 | 16.3 | .025" | | | Coverage | | | | | | | 50 | 2.0 | 6.6 |
| | | | 1000 | 304.8 | 37.0 | 16.8 | BCCS | | | 2.6Ω/M' | | | | | | | 100 | 2.9 | 9.5 |
| | | | | | | | 50.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.1 | 13.5 |
| | | | | | | | 164.0Ω/km | | | | | | | | | | 400 | 5.9 | 19.4 |
| | | | | | | | | | | | | | | | | | 700 | 7.8 | 25.6 |
| | | | | | | | | | | | | | | | | | 900 | 8.8 | 28.9 |
| | | | | | | | | | | | | | | | | | 1000 | 9.9 | 32.5 |

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

22 AWG Solid Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (85% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|-------|------|-----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9244 | NEC: | U-500 | U-152.4 | 18.0 | 8.2 | 22 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 75 | 66% | 19.4 | 63.6 | 1 | .6 | 2.0 |
| Style 1354 | | CMX: | U-1000 | U-304.8 | 35.0 | 15.9 | (solid) | | | 85% Shield | | | | | | | 10 | 1.1 | 3.6 |
| (30V 80°C) | | CEC: | 1000 | 304.8 | 36.0 | 16.3 | .025" | | | Coverage | | | | | | | 50 | 2.4 | 7.9 |
| | | CMX: | 3280 | 1000.0 | 118.1 | 53.8 | BCCS | | | 4.5Ω/M' | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | 50.0Ω/M' | | | 14.8Ω/km | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | 164.0Ω/km | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |

Suitable for Indoor and Outdoor applications.

22 AWG Stranded (7x30) .030" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)

Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|------|------|----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9659 | NEC: | U-500 | U-152.4 | 19.0 | 8.6 | 22 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 75 | 78% | 17.3 | 56.7 | 1 | .3 | 1.0 |
| Style 1354 | | CMX: | U-1000 | U-304.8 | 37.0 | 16.8 | (7x30) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| (30V 60°C) | | CEC: | 1000 | 304.8 | 38.0 | 17.2 | .030" | | | Coverage | | | | | | | 50 | 2.1 | 6.9 |
| VW-1 | | CMX: | | | | | BC | | | 2.6Ω/M' | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | 15.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | 49.2Ω/km | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

Non-contaminating PVC Jacket. For CCTV applications. Suitable for Indoor and Outdoor applications.

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|------|------|----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9259 | NEC: | 100 | 30.5 | 4.1 | 1.9 | 22 AWG | .146 | 3.71 | BC Braid | .241 | 6.12 | 75 | 78% | 17.3 | 56.7 | 1 | .3 | 1.0 |
| Style 1354 | | CM | U-500 | U-152.4 | 18.0 | 8.2 | (7x30) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| (30V 80°C) | | CEC: | 500 | 152.4 | 16.5 | 7.5 | .030" | | | Coverage | | | | | | | 50 | 2.1 | 6.9 |
| | | CM | U-1000 | U-304.8 | 35.0 | 15.9 | BC | | | 2.6Ω/M' | | | | | | | 100 | 3.0 | 9.8 |
| | | | 1000 | 304.8 | 37.0 | 16.8 | 15.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | 49.2Ω/km | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

For CCTV applications. Suitable for Indoor and Outdoor applications.

Plenum • Foam FEP Insulation • Black FEP Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------|--------------|---------|-------|-------|------|------|----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| 200°C | 89259 | NEC: | 100† | 30.5 | 5.1 | 2.3 | 22 AWG | .135 | 3.43 | BC Braid | .193 | 4.90 | 75 | 78% | 17.3 | 56.7 | 1 | .3 | 1.0 |
| | | CMP | 500† | 152.4 | 16.0 | 7.3 | (7x30) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| | | CEC: | 1000† | 304.8 | 32.0 | 14.5 | .030" | | | Coverage | | | | | | | 50 | 2.1 | 6.9 |
| | | CMP FT6 | | | | | BC | | | 2.6Ω/M' | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | 15.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | 49.2Ω/km | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 9.0 | 29.5 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 11.0 | 36.1 |

Suitable for Outdoor and Direct Burial applications.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|---------|--------|---------|------|------|----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| 75°C | 82259 | NEC: | U-1000 | U-304.8 | 31.0 | 14.1 | 22 AWG | .135 | 3.43 | BC Braid | .193 | 4.90 | 75 | 78% | 17.3 | 56.7 | 1 | .3 | 1.0 |
| | | CMP | 1000 | 304.8 | 30.0 | 13.6 | (7x30) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| | | CEC: | | | | | .030" | | | Coverage | | | | | | | 50 | 2.1 | 6.9 |
| | | CMP FT6 | | | | | BC | | | 2.6Ω/M' | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | 15.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | 49.2Ω/km | | | | | | | | | | 400 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 700 | 9.0 | 29.5 |
| | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 1000 | 11.0 | 36.1 |

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

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

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

Standard Analog Video Cable

RG-6/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 |

21 AWG Solid .028" Bare Copper-covered Steel Conductor • Double Bare Copper Braid Shields (98% Coverage)**Polyethylene Insulation • Black Polyethylene Jacket**

| | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------|---|------|-------|------|------|----------------------------|------|------|--|------|------|----|-----|------|------|------|-----|------|
| MATV Cable 80°C | 8215 | — | 1000 | 304.8 | 74.0 | 33.6 | 21 AWG (solid) .028" | .185 | 4.70 | (2) BC Braids 98% Shield Coverage | .332 | 8.43 | 75 | 66% | 20.5 | 67.2 | 1 | .4 | 1.3 |
| | | | | | | | 32.0Ω/M' | | | 1.1Ω/M' | | | | | | | 10 | .8 | 2.6 |
| | | | | | | | 105.0Ω/km | | | 3.6Ω/km | | | | | | | 50 | 1.9 | 6.2 |
| | | | | | | | | | | | | | | | | | 100 | 2.7 | 8.9 |
| | | | | | | | | | | | | | | | | | 200 | 4.1 | 13.4 |
| | | | | | | | | | | | | | | | | | 400 | 5.9 | 19.4 |
| | | | | | | | | | | | | | | | | | 700 | 8.1 | 26.6 |
| | | | | | | | | | | | | | | | | | 900 | 9.4 | 30.8 |
| | | | | | | | | | | | | | | | | | 1000 | 9.8 | 32.1 |

**18 AWG Solid .037" Bare Copper Conductor • Double Bare Copper Braid Shields (98% Coverage)****Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|------------|------|-------|-------|------|----------------------------|------|------|--|------|------|----|-----|------|------|------|-----|------|
| 80°C | 9290 | NEC: CM | 1000 | 304.8 | 59.0 | 26.8 | 18 AWG (solid) .037" | .180 | 4.57 | (2) BC Braids 98% Shield Coverage | .288 | 7.32 | 75 | 81% | 17.3 | 56.7 | 1 | .2 | .7 |
| | | CEC: CM | 2000 | 609.6 | 118.0 | 53.6 | 7.5Ω/M' | | | 2.0Ω/M' | | | | | | | 10 | .7 | 2.3 |
| | | | | | | | 24.6Ω/km | | | 7.5Ω/km | | | | | | | 50 | 1.7 | 5.6 |
| | | | | | | | | | | | | | | | | | 100 | 2.5 | 8.2 |
| | | | | | | | | | | | | | | | | | 200 | 3.6 | 11.8 |
| | | | | | | | | | | | | | | | | | 400 | 5.3 | 17.4 |
| | | | | | | | | | | | | | | | | | 700 | 7.2 | 23.6 |
| | | | | | | | | | | | | | | | | | 900 | 8.3 | 27.2 |
| | | | | | | | | | | | | | | | | | 1000 | 8.8 | 28.9 |

Suitable for Indoor and Outdoor applications.

18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (65% Coverage)**Plenum • Foam FEP Insulation • Black FEP Jacket**

| | | | | | | | | | | | | | | | | | | | |
|-------|--------------|-----------------|-------|-------|------|------|----------------------------|------|------|------------------------------|------|------|----|-----|------|------|------|-----|------|
| 200°C | 89248 | NEC: CMP | 500† | 152.4 | 15.0 | 6.8 | 18 AWG (solid) .040" | .170 | 4.32 | Duofoil + 65% TC Braid | .222 | 5.64 | 75 | 82% | 16.5 | 50.3 | 1 | .3 | 1.0 |
| | | CEC: CMP FT6 | 1000† | 304.8 | 33.0 | 15.0 | 6.4Ω/M' | | | 5.1Ω/M' | | | | | | | 10 | .66 | 2.2 |
| | | | 2000† | 609.6 | 64.0 | 29.0 | 21.0Ω/km | | | 16.7Ω/km | | | | | | | 50 | 1.5 | 4.9 |
| | | | | | | | | | | | | | | | | | 100 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 200 | 3.1 | 10.2 |
| | | | | | | | | | | | | | | | | | 400 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 700 | 6.0 | 19.7 |
| | | | | | | | | | | | | | | | | | 900 | 6.9 | 22.6 |
| | | | | | | | | | | | | | | | | | 1000 | 7.3 | 23.9 |

Suitable for Outdoor and Direct Burial applications.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|-----------------|---------|---------|------|------|----------------------------|------|------|------------------------------|------|------|----|-----|------|------|------|-----|------|
| 75°C | 82248 | NEC: CMP | U-1000† | U-304.8 | 29.0 | 13.2 | 18 AWG (solid) .040" | .170 | 4.32 | Duofoil + 65% TC Braid | .222 | 5.64 | 75 | 82% | 16.5 | 50.3 | 1 | .3 | 1.0 |
| | | CEC: CMP FT6 | 1000† | 304.8 | 31.0 | 14.1 | 6.4Ω/M' | | | 5.1Ω/M' | | | | | | | 10 | .7 | 2.3 |
| | | | | | | | 21.0Ω/km | | | 16.7Ω/km | | | | | | | 50 | 1.6 | 5.2 |
| | | | | | | | | | | | | | | | | | 100 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.6 | 15.1 |
| | | | | | | | | | | | | | | | | | 700 | 6.6 | 21.6 |
| | | | | | | | | | | | | | | | | | 900 | 7.7 | 25.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.2 | 26.9 |

18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)**Gas-injected Foam HDPE Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|------------|-------|---------|-------|------|----------------------------|------|------|------------------------------|------|------|----|-----|------|------|------|-----|------|
| UL AWM Style 1354 (30V 80°C) | 9248 | NEC: CM | U-500 | U-152.4 | 16.5 | 7.5 | 18 AWG (solid) .040" | .180 | 4.57 | Duofoil + 60% TC Braid | .270 | 6.86 | 75 | 82% | 16.2 | 53.1 | 1 | .3 | 1.0 |
| | | CEC: CM | 1000 | 304.8 | 33.0 | 15.0 | 6.4Ω/M' | | | 5.6Ω/M' | | | | | | | 10 | .7 | 2.3 |
| | | | 1640 | 500.0 | 55.8 | 25.3 | 21.0Ω/km | | | 18.4Ω/km | | | | | | | 50 | 1.5 | 4.9 |
| | | | 3280 | 1000.0 | 108.2 | 49.2 | | | | | | | | | | | 100 | 2.0 | 6.6 |
| | | | | | | | | | | | | | | | | | 200 | 2.8 | 9.2 |
| | | | | | | | | | | | | | | | | | 400 | 4.0 | 13.1 |
| | | | | | | | | | | | | | | | | | 700 | 5.3 | 17.4 |
| | | | | | | | | | | | | | | | | | 900 | 6.1 | 20.0 |
| | | | | | | | | | | | | | | | | | 1000 | 6.5 | 21.3 |
| | | | | | | | | | | | | | | | | | 1500 | 8.3 | 27.2 |

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper • UTP = Unshielded Twisted Pair
 Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Standard Analog Video Cable

RG-6/U and RG-11/U Types



| 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 |

RG-6/U • 18 AWG Stranded (7x26) .048" Tinned Copper Conductor • Bare Copper Braid Shield (97% Coverage)

| Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|-------------|---------|------|-------|-------|------|---------------|------|------|---------------------|------|-------|----|-----|------|------|------|-----|------|
| 80°C | 8238 | NEC: CM | 500 | 152.4 | 59.0 | 26.8 | 18 AWG (7x26) | .285 | 7.24 | BC Braid 97% Shield | .405 | 10.29 | 75 | 67% | 20.5 | 67.2 | 1 | .2 | .6 |
| | | CEC: CM | 1000 | 304.8 | 117.0 | 53.1 | .048" | | | Coverage | | | | | | | 10 | .7 | 2.2 |
| | | | | | | | TC | | | 1.2Ω/M' | | | | | | | 50 | 1.3 | 4.3 |
| | | | | | | | 6.1Ω/M' | | | 3.9Ω/km | | | | | | | 100 | 2.0 | 6.6 |
| | | | | | | | 20.0Ω/km | | | | | | | | | | 200 | 2.9 | 9.5 |
| | | | | | | | | | | | | | | | | | 400 | 4.2 | 13.8 |
| | | | | | | | | | | | | | | | | | 700 | 5.8 | 19.0 |
| | | | | | | | | | | | | | | | | | 900 | 6.8 | 22.3 |
| | | | | | | | | | | | | | | | | | 1000 | 7.1 | 23.3 |

Suitable for Indoor and Outdoor applications.

| Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|-------------|----------|------|-------|-------|------|---------------|------|------|---------------------|------|-------|----|-----|------|------|------|-----|------|
| 60°C | 8261 | CEC: CXC | 500 | 152.4 | 52.5 | 23.9 | 18 AWG (7x26) | .285 | 7.24 | BC Braid 97% Shield | .405 | 10.29 | 75 | 66% | 20.5 | 67.2 | 1 | .2 | .6 |
| VW-1 | | | 1000 | 304.8 | 104.0 | 47.3 | .048" | | | Coverage | | | | | | | 10 | .7 | 2.2 |
| | | | | | | | TC | | | 1.2Ω/M' | | | | | | | 50 | 1.3 | 4.3 |
| | | | | | | | 6.1Ω/M' | | | 3.9Ω/km | | | | | | | 100 | 2.0 | 6.6 |
| | | | | | | | 20.0Ω/km | | | | | | | | | | 200 | 2.9 | 9.5 |
| | | | | | | | | | | | | | | | | | 400 | 4.2 | 13.8 |
| | | | | | | | | | | | | | | | | | 700 | 5.8 | 19.0 |
| | | | | | | | | | | | | | | | | | 900 | 6.8 | 22.3 |
| | | | | | | | | | | | | | | | | | 1000 | 7.1 | 23.3 |

Suitable for Indoor and Outdoor applications.

Composite • Coax: 18 AWG Solid BC Cond. w/BC Braid Shield (95% Coverage) • **Power: 18 AWG** Stranded (7x26) BC Conductor UTP

| Foam Polyethylene Insulation (Coax) • Polypropylene Insulation (Pair) • Black Low-Smoke, Zero-Halogen Jacket | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|-------------------------------|------|-------|------|------|----------------|------|------|---------------------------|------|-------|----|-----|------|------|------|-----|------|
| Siamese 300V RMS | 1306SB <small>new</small> | NEC: CMG-LS | 500 | 152.4 | 37.0 | 16.8 | 18 AWG (solid) | .180 | 4.57 | Coax: 95% BC Braid | .275 | 6.99 | 75 | 83% | 16.3 | 53.5 | 1 | .2 | .7 |
| | | CEC: CMG-LS FT4 Limited Smoke | 1000 | 304.8 | 76.0 | 34.5 | .040" | | | Pair: BC | .514 | 13.06 | | | | | 10 | .6 | 2.1 |
| | | | | | | | 6.4Ω/M' | | | 3.1Ω/M' | | | | | | | 50 | 1.5 | 4.8 |
| | | | | | | | 21.0Ω/km | | | 10.2Ω/km | | | | | | | 100 | 2.1 | 6.9 |
| | | | | | | | | | | (Color Code: Black & Red) | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.3 | 14.1 |
| | | | | | | | | | | | | | | | | | 700 | 5.8 | 19.0 |
| | | | | | | | | | | | | | | | | | 900 | 6.7 | 22.0 |
| | | | | | | | | | | | | | | | | | 1000 | 7.1 | 23.3 |

RG-11/U • 14 AWG Solid .064" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)

| Gas-injected Foam HDPE Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|------|-------|------|------|----------------|------|------|------------------------|------|-------|----|-----|------|------|------|-----|------|
| 80°C | 9292 | — | 1000 | 304.8 | 75.0 | 34.0 | 14 AWG (solid) | .280 | 7.11 | Duofoil + 60% TC Braid | .405 | 10.29 | 75 | 84% | 16.1 | 52.8 | 1 | .2 | .6 |
| | | | | | | | .064" | | | 3.0Ω/M' | | | | | | | 10 | .5 | 1.6 |
| | | | | | | | BC | | | 9.8Ω/km | | | | | | | 50 | .9 | 3.0 |
| | | | | | | | 2.6Ω/M' | | | | | | | | | | 100 | 1.3 | 4.3 |
| | | | | | | | 8.5Ω/km | | | | | | | | | | 200 | 1.6 | 5.3 |
| | | | | | | | | | | | | | | | | | 400 | 2.3 | 7.6 |
| | | | | | | | | | | | | | | | | | 700 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 900 | 4.0 | 13.1 |
| | | | | | | | | | | | | | | | | | 1000 | 4.3 | 14.1 |

Suitable for Indoor and Outdoor applications.

RG-11/U • 14 AWG Solid .064" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (63% Coverage)

| Plenum • Foam FEP Insulation • Black FEP Jacket | | | | | | | | | | | | | | | | | | | |
|---|--------------|--------------|------|-------|------|------|----------------|------|------|------------------------|------|------|----|-----|------|------|------|-----|------|
| 200°C | 89292 | NEC: CMP | 500 | 152.4 | 40.5 | 18.4 | 14 AWG (solid) | .274 | 6.96 | Duofoil + 63% TC Braid | .346 | 8.79 | 75 | 83% | 16.2 | 53.1 | 1 | .2 | .5 |
| | | CEC: CMP FT6 | 1000 | 304.8 | 81.0 | 36.7 | .064" | | | 3.0Ω/M' | | | | | | | 10 | .4 | 1.3 |
| | | | | | | | BC | | | 9.8Ω/km | | | | | | | 50 | 1.0 | 3.3 |
| | | | | | | | 2.5Ω/M' | | | | | | | | | | 100 | 1.5 | 4.9 |
| | | | | | | | 8.2Ω/km | | | | | | | | | | 200 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 400 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 700 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 900 | 5.2 | 17.1 |
| | | | | | | | | | | | | | | | | | 1000 | 5.5 | 18.0 |

RG-11/U • 14 AWG Solid .064" Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)

| Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|------|-------|-------|------|----------------|------|------|---------------------|------|-------|----|-----|------|------|------|-----|------|
| 80°C | 8213 | — | 500 | 152.4 | 44.0 | 20.0 | 14 AWG (solid) | .285 | 7.24 | BC Braid 97% Shield | .405 | 10.29 | 75 | 84% | 16.1 | 52.8 | 1 | .2 | .6 |
| | | | 1000 | 304.8 | 87.0 | 39.5 | .064" | | | Coverage | | | | | | | 10 | .4 | 1.1 |
| | | | 2000 | 609.6 | 172.0 | 78.2 | BC | | | 1.1Ω/M' | | | | | | | 50 | .9 | 3.0 |
| | | | | | | | 2.6Ω/M' | | | 3.6Ω/km | | | | | | | 100 | 1.3 | 4.3 |
| | | | | | | | 8.5Ω/km | | | | | | | | | | 200 | 1.9 | 6.2 |
| | | | | | | | | | | | | | | | | | 400 | 2.9 | 9.5 |
| | | | | | | | | | | | | | | | | | 700 | 4.1 | 13.5 |
| | | | | | | | | | | | | | | | | | 900 | 4.8 | 15.7 |
| | | | | | | | | | | | | | | | | | 1000 | 5.2 | 17.1 |

Suitable for Indoor and Outdoor applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

Standard Analog Video Cable

75 Ohm Miniature Coax



Belden standard video cables are typically used in non-critical video applications such as video equipment rack wiring, closed circuit TV (CCTV), master antenna TV (MATV) and color or monochrome video monitor hook-ups. Applications such as these do not require Precision Video coaxes which have extremely tight electrical tolerances. (See Precision Video cables, pages 19.49 through 19.58.)

Video coax cables have a characteristic impedance of 75 ohms. This value was not chosen arbitrarily. Physics shows that optimum attenuation characteristics occur at 77 ohms. Materials and design lead to the selection of 75 ohms as the optimum compromise for low power applications.

Standard video coaxes are available in both solid and stranded designs. Stranded designs are recommended for flexing applications such as interconnection of CCTV cameras with pan and tilt capabilities, or remote camera hook-ups where the cable is constantly being spooled and despoiled from a reel. Belden's Brilliance high-flex part no. 8241F is ideal for these types of applications.

| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Diameter Nom. DCR | Insulation Diameter | | 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 |
| 30 AWG Stranded (7x38) .012" Tinned Copper Conductor • Tinned Copper Braid Shield (89% Coverage) | | | | | | | | | | | | | | | | | | | |
| Foam HDPE Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
| UL AWM Style 1375 (30V 60°C) | 9221 | — | 100 | 30.5 | 1.5 | 1.0 | 30 AWG (7x38) .012" | .058 | 1.47 | TC Braid 89% Shield Coverage TC 11.7Ω/M' | .097 | 2.46 | 75 | 78% | 17.3 | 56.8 | 1 | .7 | 2.3 |
| | | | U-500 | U-152.4 | 4.0 | 1.8 | | | | | | | | | | | 4 | 1.3 | 4.3 |
| | | | 500 | 152.4 | 4.0 | 1.8 | | | | | | | | | | | 5 | 1.6 | 5.2 |
| | | | | | | | | | | | | | | | | | 10 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 50 | 5.1 | 16.7 |
| | | | | | | | | | | | | | | | | | 100 | 7.3 | 23.9 |
| | | | | | | | | | | | | | | | | | 200 | 10.5 | 34.4 |
| | | | | | | | | | | | | | | | | | 400 | 15.5 | 50.9 |
| | | | | | | | | | | | | | | | | | 1000 | 26.6 | 87.3 |



27 AWG Stranded (7x35) .017" Bare Copper-covered Steel Conductor • Tinned Copper Braid Shield (93% Coverage)

| Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|--------|---------|------|-----|---------------------------|------|------|---|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 60°C) (1700V non-UL) | 8218 | — | U-500 | U-152.4 | 8.5 | 3.9 | 27 AWG (7x35) .017" | .100 | 2.54 | TC Braid 93% Shield Coverage BCCS 5.7Ω/M' | .150 | 3.81 | 75 | 66% | 20.5 | 67.3 | 1 | 1.2 | 3.9 |
| | | | 500 | 152.4 | 8.0 | 3.6 | | | | | | | | | | | 10 | 2.4 | 7.9 |
| | | | U-1000 | U-304.8 | 16.0 | 7.3 | | | | | | | | | | | 50 | 4.2 | 13.8 |
| | | | 1000 | 304.8 | 14.0 | 6.4 | | | | | | | | | | | 100 | 5.7 | 18.7 |
| | | | | | | | | | | | | | | | | | 200 | 8.3 | 27.2 |
| | | | | | | | | | | | | | | | | | 400 | 12.1 | 39.7 |
| | | | | | | | | | | | | | | | | | 700 | 16.5 | 54.1 |
| | | | | | | | | | | | | | | | | | 900 | 19.0 | 62.3 |
| | | | | | | | | | | | | | | | | | 1000 | 20.0 | 65.6 |



Miniature • 25 AWG Solid .018" Tinned Copper Conductors • Duobond® (100% Coverage) + TC Braid Shield (95% Coverage)

| Gas-injected Foam HDPE Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | | |
|---|--------------|-------------|---|------|-------|-----|-----|-------------------------------|------|------|---------------------------------|------|------|----|-----|------|------|------|------|-------|
| | 1281R | NEC: CMR | 1 | 1000 | 304.8 | 8.0 | 3.6 | 25 AWG (solid) .018" TC | .074 | 1.88 | Duobond (100%) + TC Braid | .114 | 2.90 | 75 | 80% | 17.0 | 55.8 | 1 | .5 | 1.7 |
| | | CEC: CMG | | | | | | 34.0Ω/M' | | | 5.4Ω/M' | | | | | | | 5 | 1.2 | 3.8 |
| | | | | | | | | 111.6Ω/km | | | 17.7Ω/km | | | | | | | 50 | 3.7 | 12.1 |
| | | | | | | | | | | | | | | | | | | 100 | 4.9 | 16.1 |
| | | | | | | | | | | | | | | | | | | 200 | 6.7 | 22.0 |
| | | | | | | | | | | | | | | | | | | 400 | 9.5 | 31.2 |
| | | | | | | | | | | | | | | | | | | 700 | 13.4 | 44.0 |
| | | | | | | | | | | | | | | | | | | 900 | 15.0 | 49.2 |
| | | | | | | | | | | | | | | | | | | 1000 | 15.8 | 51.8 |
| | | | | | | | | | | | | | | | | | | 3000 | 31.2 | 102.4 |



| Plenum • FPFA Insulation • Black Flamarrest® Jacket | | | | | | | | | | | | | | | | | | | | |
|--|--------------|-----------------|---|------|-------|------|-----|-------------------------------|------|------|---------------------------------|------|------|----|-----|------|------|------|------|-------|
| | 1282P | NEC: CMP | 1 | 1000 | 304.8 | 10.0 | 4.5 | 25 AWG (solid) .018" TC | .074 | 1.88 | Duobond (100%) + TC Braid | .114 | 2.90 | 75 | 81% | 17.0 | 55.8 | 1 | .4 | 1.3 |
| | | CEC: CMP FT6 | | | | | | 31.8Ω/M' | | | 5.8Ω/M' | | | | | | | 5 | .9 | 3.0 |
| | | | | | | | | 104.3Ω/km | | | 19.0Ω/km | | | | | | | 50 | 3.7 | 12.1 |
| | | | | | | | | | | | | | | | | | | 100 | 5.0 | 16.4 |
| | | | | | | | | | | | | | | | | | | 200 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | | 400 | 10.0 | 32.8 |
| | | | | | | | | | | | | | | | | | | 700 | 14.5 | 47.6 |
| | | | | | | | | | | | | | | | | | | 900 | 17.0 | 55.8 |
| | | | | | | | | | | | | | | | | | | 1000 | 17.5 | 57.4 |
| | | | | | | | | | | | | | | | | | | 3000 | 37.0 | 121.4 |

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FPFA = Foam Perfluoroalkoxy • HDPE = High-density Polyethylene • TC = Tinned Copper

Standard Analog Video Cable

75 Ohm High-Frequency Cables

Conformable® Coax Cable



| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Diameter Nom. DCR | Insulation Diameter | | 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 |

29 AWG Solid .011" Silver-coated Copper-covered Steel Conductor • Copper-Tin Composite Shield (100% Coverage)**TFE Teflon® Insulation • Unjacketed**

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---------------|---|--------------------|-------|------|-----|-----------|------|------|-------------|------|------|----|-------|------|------|------|------|------|
| UL AWM | 1672A* | — | 500 ^{††} | 152.4 | 7.5 | 3.4 | 29 AWG | .062 | 1.57 | CT | .087 | 2.21 | 75 | 69.5% | 19.5 | 64.0 | 1 | 1.6 | 5.3 |
| Style 10245 | | | 1000 ^{††} | 304.8 | 14.0 | 6.4 | (solid) | | | Composite | | | | | | | 10 | 1.8 | 5.9 |
| (30V 105°C) | | | | | | | .011" | | | 100% Shield | | | | | | | 50 | 4.1 | 13.5 |
| (1500V RMS 200°C non-UL) | | | | | | | SCCCS | | | Coverage | | | | | | | 100 | 6.5 | 21.3 |
| | | | | | | | 205.0Ω/M' | | | 10.0Ω/M' | | | | | | | 200 | 9.0 | 29.5 |
| | | | | | | | 672.4Ω/km | | | 33.5Ω/km | | | | | | | 400 | 12.8 | 42.0 |
| | | | | | | | | | | | | | | | | | 700 | 18.0 | 59.1 |
| | | | | | | | | | | | | | | | | | 1000 | 22.1 | 72.5 |

**TFE Teflon Insulation • PVC Jacket (Black or Clear)**

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---------------|---|--------------------|-------|------|-----|-----------|------|------|-------------|------|------|----|-------|------|------|------|------|------|
| UL AWM | 1672J* | — | 100 ^{†*} | 30.5 | 3.1 | 1.4 | 29 AWG | .062 | 1.57 | CT | .127 | 3.23 | 75 | 69.5% | 19.5 | 64.0 | 1 | 1.6 | 5.3 |
| Style 10245 | | | 500 [†] | 152.4 | 9.5 | 4.3 | (solid) | | | Composite | | | | | | | 10 | 1.8 | 5.9 |
| (30V 105°C) | | | 1000 ^{††} | 304.8 | 17.0 | 7.7 | .011" | | | 100% Shield | | | | | | | 50 | 4.1 | 13.5 |
| (1500V RMS 200°C non-UL) | | | | | | | SCCCS | | | Coverage | | | | | | | 100 | 6.5 | 21.3 |
| | | | | | | | 205.0Ω/M' | | | 10.0Ω/M' | | | | | | | 200 | 9.0 | 29.5 |
| | | | | | | | 672.4Ω/km | | | 33.5Ω/km | | | | | | | 400 | 12.8 | 42.0 |
| | | | | | | | | | | | | | | | | | 700 | 18.0 | 59.1 |
| | | | | | | | | | | | | | | | | | 1000 | 22.1 | 72.5 |



*100 ft. put-up available in Clear only.

29 AWG Solid .011" Silver-plated Copper Conductor • Copper-Tin Composite Shield (100% Coverage)**TFE Teflon Insulation • Unjacketed**

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---------------|---|-------------------|-------|------|-----|----------|------|------|-------------|------|------|----|-------|------|------|------|------|------|
| UL AWM | 1672B* | — | 100 [†] | 30.5 | 2.5 | 1.1 | 29 AWG | .062 | 1.57 | CT | .087 | 2.21 | 75 | 69.5% | 19.5 | 64.0 | 1 | 1.2 | 3.9 |
| Style 10245 | | | 500 [†] | 152.4 | 7.5 | 3.4 | (solid) | | | Composite | | | | | | | 10 | 1.8 | 5.9 |
| (30V 105°C) | | | 1000 [†] | 304.8 | 14.0 | 6.4 | .011" | | | 100% Shield | | | | | | | 50 | 4.1 | 13.5 |
| (1500V RMS 200°C non-UL) | | | | | | | SPC | | | Coverage | | | | | | | 100 | 6.5 | 21.3 |
| | | | | | | | 11.0Ω/M' | | | 10.0Ω/M' | | | | | | | 200 | 9.0 | 29.5 |
| | | | | | | | 36.9Ω/km | | | 33.5Ω/km | | | | | | | 400 | 12.8 | 42.0 |
| | | | | | | | | | | | | | | | | | 700 | 18.0 | 59.1 |
| | | | | | | | | | | | | | | | | | 1000 | 22.1 | 72.5 |

**Non-ferrous design**

CT = Copper Tin • DCR = DC Resistance • SCCC = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Protected by one or more of U.S. Patent Nos. 4,694,122 and 5,292,001. Patent held in the U.S., Singapore, Australia, Germany, France and England. Patent pending in Japan.

†May contain more than one piece. Minimum length of any one piece is 25 ft.

††500 ft. put-up: Exact 5 pieces (maximum), 50 feet minimum length

1000 ft. put-up: Exact 8 pieces (maximum), 50 feet minimum length

Teflon is a DuPont trademark.

BELDENFor more information, contact Belden Technical Support: **1-800-BELDEN-1** • www.belden.com**Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr**

Standard Analog Video Cable75 Ohm Coax
RG-59/U Type

| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Diameter Nom. DCR | Insulation Diameter | | 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 |

23 AWG Solid .023" Bare Copper or Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)**Polyethylene Insulation • Black or Colored PVC Jacket ***

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|------------|--------|---------|-------|------|-----------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 75°C) | 8241 | NEC: CM | 100 | 30.5 | 4.4 | 2.0 | 23 AWG | .146 | 3.71 | BC Braid 95% Shield Coverage | .240 | 6.09 | 75 | 66% | 20.5 | 67.3 | 1 | .6 | 2.0 |
| VW-1 300V RMS (UL) | | | 500 | 152.4 | 18.5 | 8.4 | .023" | | | 2.6Ω/M' | | | | | | | 10 | 1.1 | 3.6 |
| 1700V RMS (non-UL) | | | 1000 | 304.8 | 40.0 | 18.1 | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.4 | 7.9 |
| | | | U-1000 | U-304.8 | 38.0 | 17.2 | BCCS | | | | | | | | | | 100 | 3.4 | 11.2 |
| | | | 2000 | 609.6 | 80.0 | 36.3 | 160.7Ω/km | | | | | | | | | | 200 | 4.9 | 16.1 |
| | | | 5000 | 1524.0 | 200.0 | 90.7 | | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |



*U-1000 ft. put-up also available in Red, Orange, Yellow, Green, Blue or White.

Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------|--------------------------------|--------|---------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 75°C) | 8241A | NEC: CMG CEC: CMG FT4 | U-1000 | U-304.8 | 40.0 | 18.1 | 23 AWG (solid) .023" | .146 | 3.71 | BC Braid 95% Shield Coverage | .242 | 6.15 | 75 | 66% | 20.5 | 67.3 | 1 | .6 | 2.0 |
| 300V RMS (UL) | | | 1000 | 304.8 | 42.0 | 19.0 | BCCS | | | 2.6Ω/M' | | | | | | | 5 | .9 | 3.0 |
| | | | | | | | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 10 | 1.1 | 3.6 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 50 | 2.4 | 7.9 |
| | | | | | | | | | | | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | | | | | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | 900 | 11.7 | 38.2 |
| | | | | | | | | | | | | | | | | | 1000 | 13.2 | 43.3 |



Suitable for Indoor and Outdoor applications.

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------|--------------------------|--------|---------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| UL AWM Style 1354 (30V 80°C) | 8241B | NEC: CM CEC: CM | U-1000 | U-304.8 | 36.0 | 16.3 | 23 AWG (solid) .023" | .146 | 3.71 | BC Braid 95% Shield Coverage | .242 | 6.15 | 75 | 66% | 20.5 | 67.3 | 1 | .4 | 1.3 |
| 300V RMS (UL) | | | 1000 | 304.8 | 37.0 | 16.8 | BC | | | 2.9Ω/M' | | | | | | | 10 | 1.1 | 3.6 |
| 1700V RMS (non-UL) | | | | | | | 20.4Ω/M' | | | 9.5Ω/km | | | | | | | 50 | 2.4 | 7.9 |
| | | | | | | | 66.9Ω/km | | | | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | | | | | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |



Suitable for Indoor and Outdoor applications.

22 AWG Stranded (7x30) .030" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)**Foam Polyethylene Insulation • PVC Jacket (Available in Matte Black, Red, Blue, Green, Yellow, White or Gray)**

| | | | | | | | | | | | | | | | | | | | |
|-------------------|--------------|---|------|-------|------|------|---------------------------|------|------|------------------------------------|------|------|----|-----|------|------|------|------|------|
| High-Flex 60°C | 8241F | — | 1000 | 304.8 | 35.0 | 15.9 | 22 AWG (7x30) .030" | .146 | 3.71 | BC Braid 95% Shield Coverage | .242 | 6.15 | 75 | 78% | 17.3 | 56.8 | 1 | .3 | 1.0 |
| 300V RMS (non-UL) | | | | | | | BC | | | 2.6Ω/M' | | | | | | | 10 | .9 | 3.0 |
| | | | | | | | 15.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.1 | 6.9 |
| | | | | | | | 49.2Ω/km | | | | | | | | | | 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 |

**23 AWG Solid .023" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (97% Coverage)****Plenum • FEP Insulation • Black FEP Jacket**

| | | | | | | | | | | | | | | | | | | | |
|--------------------|--------------|--------------------------------|------|-------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-------|------|------|------|------|------|
| 200°C | 88241 | NEC: CMP CEC: CMP FT6 | 500 | 152.4 | 18.0 | 8.2 | 23 AWG (solid) .023" | .132 | 3.35 | BC Braid 97% Shield Coverage | .190 | 4.83 | 75 | 69.5% | 19.5 | 64.0 | 1 | .5 | 1.6 |
| 300V RMS (UL) | | | 1000 | 304.8 | 36.0 | 16.3 | BCCS | | | 2.6Ω/M' | | | | | | | 10 | 1.0 | 3.3 |
| 1700V RMS (non-UL) | | | | | | | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.3 | 7.5 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 100 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 200 | 5.2 | 17.1 |
| | | | | | | | | | | | | | | | | | 400 | 8.4 | 27.6 |
| | | | | | | | | | | | | | | | | | 700 | 11.6 | 38.0 |
| | | | | | | | | | | | | | | | | | 900 | 13.8 | 45.3 |
| | | | | | | | | | | | | | | | | | 1000 | 14.8 | 48.5 |



Suitable for Outdoor and Direct Burial applications.

Plenum • FEP Insulation • Natural Flamarrst® Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|--------------|--------------------------------|--------|---------|------|------|----------------------------|------|------|------------------------------------|------|------|----|-------|------|------|------|------|------|
| 60°C | 82241 | NEC: CMP CEC: CMP FT6 | U-500 | U-152.4 | 18.5 | 8.4 | 23 AWG (solid) .023" | .134 | 3.40 | BC Braid 97% Shield Coverage | .190 | 4.83 | 75 | 69.5% | 19.5 | 64.0 | 1 | .5 | 1.6 |
| 300V RMS (UL) | | | U-1000 | U-304.8 | 36.0 | 16.3 | BCCS | | | 2.6Ω/M' | | | | | | | 10 | 1.0 | 3.3 |
| 1700V RMS 75°C (non-UL) | | | 1000 | 304.8 | 34.0 | 15.4 | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 50 | 2.3 | 7.5 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 100 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 200 | 5.2 | 17.1 |
| | | | | | | | | | | | | | | | | | 400 | 8.4 | 27.6 |
| | | | | | | | | | | | | | | | | | 700 | 11.6 | 38.0 |
| | | | | | | | | | | | | | | | | | 900 | 13.8 | 45.3 |
| | | | | | | | | | | | | | | | | | 1000 | 14.8 | 48.5 |



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

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.

BELDEN

For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

Standard Analog Video Cable75 Ohm Coax
RG-59/U Type

| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Diameter Nom. DCR | Insulation Diameter | | 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 |

23 AWG Solid Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)**Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|------|------|-----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 8263 | NEC: | U-500 | U-152.4 | 19.5 | 8.9 | 23 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 75 | 66% | 20.5 | 67.3 | 1 | .6 | 2.0 |
| Style 1354 | | CMX: | U-1000 | U-304.8 | 38.0 | 17.2 | (solid) | | | 95% Shield | | | | | | | 10 | 1.1 | 3.6 |
| (30V 60°C) | | CEC: | 1000 | 304.8 | 39.0 | 17.7 | .023" | | | Coverage | | | | | | | 50 | 2.4 | 7.9 |
| VW-1 | | CMX: | | | | | BCCS | | | 2.6Ω/M' | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | 49.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | 160.7Ω/km | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |



150V RMS (UL), 1700V RMS (non-UL)

Non-contaminating Black PVC Jacket. Suitable for Indoor and Outdoor applications.

22 AWG Solid Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (85% Coverage)**Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|-------|------|-----------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9244 | NEC: | U-500 | U-152.4 | 18.0 | 8.2 | 22 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 75 | 66% | 19.4 | 63.6 | 1 | .6 | 2.0 |
| Style 1354 | | CMX: | U-1000 | U-304.8 | 35.0 | 15.9 | (solid) | | | 85% Shield | | | | | | | 10 | 1.1 | 3.6 |
| (30V 80°C) | | CEC: | 1000 | 304.8 | 36.0 | 16.4 | .025" | | | Coverage | | | | | | | 50 | 2.4 | 7.9 |
| VW-1 | | CMX: | 3280 | 1000.0 | 118.1 | 53.8 | BCCS | | | 4.5Ω/M' | | | | | | | 100 | 3.4 | 11.2 |
| | | | | | | | 50.0Ω/M' | | | 14.8Ω/km | | | | | | | 200 | 4.9 | 16.1 |
| | | | | | | | 164.0Ω/km | | | | | | | | | | 400 | 7.0 | 23.0 |
| | | | | | | | | | | | | | | | | | 700 | 9.7 | 31.8 |
| | | | | | | | | | | | | | | | | | 900 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 1000 | 12.0 | 39.4 |

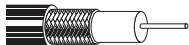


150V RMS (UL), 1700V RMS (non-UL)

Suitable for Indoor and Outdoor applications.

Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------------------|-------------|---|--------|---------|------|------|-----------|------|------|------------|------|------|----|-----|------|------|------|-----|------|
| 75°C | 8221 | — | U-500 | U-152.4 | 18.5 | 8.4 | 22 AWG | .146 | 3.71 | BC Braid | .242 | 6.15 | 80 | 78% | 16.3 | 53.5 | 1 | .4 | 1.4 |
| 300V RMS (non-UL) | | | 500 | 152.4 | 17.0 | 7.7 | (solid) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| | | | U-1000 | U-304.8 | 36.0 | 16.3 | .025" | | | Coverage | | | | | | | 50 | 2.0 | 6.6 |
| | | | 1000 | 304.8 | 37.0 | 16.8 | BCCS | | | 2.6Ω/M' | | | | | | | 100 | 2.9 | 9.5 |
| | | | | | | | 50.0Ω/M' | | | 8.5Ω/km | | | | | | | 200 | 4.1 | 13.4 |
| | | | | | | | 164.0Ω/km | | | | | | | | | | 400 | 5.9 | 19.4 |
| | | | | | | | | | | | | | | | | | 700 | 7.8 | 25.6 |
| | | | | | | | | | | | | | | | | | 900 | 8.8 | 28.9 |
| | | | | | | | | | | | | | | | | | 1000 | 9.9 | 32.5 |



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

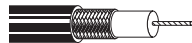
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

Standard Analog Video Cable75 Ohm Coax
RG-59/U Type

| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Diameter Nom. DCR | Insulation Diameter | | 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 |

22 AWG Stranded (7x30) .030" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)**Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|--|-------------|----------------------------|-------------------------|-----------------------------|----------------------|---------------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|
| UL AWM Style 1354 (30V 80°C) VW-1, FT-1 | 9659 | NEC: CMX CEC: CMX | U-500 U-1000 1000 | U-152.4 U-304.8 304.8 | 19.0 37.0 38.0 | 8.6 16.8 17.2 | 22 AWG (7x30) .030" | .146 3.71 | 3.71 | BC Braid 95% Shield Coverage BC 2.6Ω/M' 8.5Ω/km | .242 6.15 | 6.15 | 75 | 78% | 17.3 56.7 | 56.7 | 1 10 50 100 200 400 700 900 1000 | .3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9 | 1.0 3.0 6.9 9.8 14.8 21.6 29.2 33.1 35.8 |
|--|-------------|----------------------------|-------------------------|-----------------------------|----------------------|---------------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|



Non-contaminating PVC Jacket. For CCTV, Indoor and Outdoor applications.

| | | | | | | | | | | | | | | | | | | | |
|---|-------------|--------------------------|---------------------------------------|--|-----------------------------------|-----------------------------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|
| UL AWM Style 1354 (30V 80°C) 300V RMS (UL) | 9259 | NEC: CM CEC: CM | 100 U-500 500 U-1000 1000 | 30.5 U-152.4 152.4 U-304.8 304.8 | 4.1 8.2 7.5 15.9 16.8 | 1.9 8.2 7.5 15.9 16.8 | 22 AWG (7x30) .030" | .146 3.71 | 3.71 | BC Braid 95% Shield Coverage BC 2.6Ω/M' 8.5Ω/km | .241 6.12 | 6.12 | 75 | 78% | 17.3 56.7 | 56.7 | 1 10 50 100 200 400 700 900 1000 | .3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9 | 1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8 |
|---|-------------|--------------------------|---------------------------------------|--|-----------------------------------|-----------------------------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|



For CCTV, Indoor and Outdoor applications.

Plenum • Foam FEP Insulation • Black FEP Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------|--------------|--------------------------------|--------------------|--|---------------------|--------------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|
| 200°C 300V RMS (UL) | 89259 | NEC: CMP CEC: CMP FT6 | 100 500 1000 | 30.5 U-152.4 152.4 U-304.8 304.8 | 5.1 16.0 14.5 | 2.3 7.3 14.5 | 22 AWG (7x30) .030" | .135 3.43 | 3.43 | BC Braid 95% Shield Coverage BC 2.6Ω/M' 8.5Ω/km | .193 4.90 | 4.90 | 75 | 78% | 17.3 56.7 | 56.7 | 1 10 50 100 200 400 700 900 1000 | .3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0 | 1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1 |
|------------------------|--------------|--------------------------------|--------------------|--|---------------------|--------------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|



Suitable for Outdoor and Direct Burial applications.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|-----------------------|--------------|--------------------------------|----------------|------------------|--------------|--------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|
| 75°C 300V RMS (UL) | 82259 | NEC: CMP CEC: CMP FT6 | U-1000 1000 | U-304.8 304.8 | 31.0 30.0 | 14.1 13.6 | 22 AWG (7x30) .030" | .135 3.43 | 3.43 | BC Braid 95% Shield Coverage BC 2.6Ω/M' 8.5Ω/km | .193 4.90 | 4.90 | 75 | 78% | 17.3 56.7 | 56.7 | 1 10 50 100 200 400 700 900 1000 | .3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0 | 1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1 |
|-----------------------|--------------|--------------------------------|----------------|------------------|--------------|--------------|---------------------------|--------------|------|--|--------------|------|----|-----|--------------|------|--|---|--|



BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

Standard Analog Video Cable75 Ohm Coax
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 | 21.6 |
| | | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

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 | |
| | | | | | | | | | | | | | | | | | | 10 | 1.0 | 3.3 |
| | | | | | | | | | | | | | | | | | | 50 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | | 400 | 6.6 | 21.6 |
| | | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

| | | | | | | | | | | | | | | | | | | | | |
|--|------|--------------------------|-----|-------|------|-----|---|------|------|---|------|------|----|-----|------|------|---|------|------|------|
| 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 | |
| | | | | | | | | | | | | | | | | | | 10 | 1.0 | 3.3 |
| | | | | | | | | | | | | | | | | | | 50 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | | 400 | 6.6 | 21.6 |
| | | | | | | | | | | | | | | | | | | 700 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | | 900 | 10.1 | 33.1 |
| | | | | | | | | | | | | | | | | | | 1000 | 10.9 | 35.8 |

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) 60°C (UL) | 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 | |
| | | | | | | | | | | | | | | | | | | 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 |

Series 59 • 20 AWG Solid .032" Bare Copper-covered Steel Conductor • Duofoil® or Duobond® + Aluminum Braid Shield (40% Coverage)

| | | | | | | | | | | | | | | | | | | | | |
|---|------|-------------------------------|-------|---------|------|-----|---|------|------|--|------|------|----|-----|------|------|---------------------------|--------------------------------------|--|--|
| Gas-injected Foam Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | | |
| 80°C | 9275 | NEC: CATV CM CEC: CM | U-500 | U-152.4 | 12.0 | 5.5 | 20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km | .144 | 3.66 | Duofoil + 40% Aluminum Braid 17.0Ω/M' 55.8Ω/km | .237 | 6.02 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.88 | | | |
| | | | | | | | | | | | | | | | | | | 100% Sweep tested. 5 MHz to 550 MHz. | | |
| *U-1000 ft. put-up also available in White. | | | | | | | | | | | | | | | | | | | | |
| 80°C | 9100 | NEC: CATV CM CEC: CM | U-500 | U-152.4 | 12.0 | 5.5 | 20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km | .144 | 3.66 | Duobond II + 40% Aluminum Braid 17.0Ω/M' 55.8Ω/km | .237 | 6.02 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.88 | | | |
| | | | | | | | | | | | | | | | | | | 100% Sweep tested. 5 MHz to 1 GHz. | | |
| *U-1000 ft. put-up also available in White. | | | | | | | | | | | | | | | | | | | | |

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

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±5% from length shown.

Standard Analog Video Cable75 Ohm Coax
RG-6/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 |
| 21 AWG Solid .028" Bare Copper-covered Steel Conductor • Bare Copper Double Braid Shields (98% Coverage) | | | | | | | | | | | | | | | | | | | |
| Polyethylene Insulation • Black Polyethylene Jacket | | | | | | | | | | | | | | | | | | | |
| MATV Cable 80°C | 8215 | — | 1000 | 304.8 | 74.0 | 33.6 | 21 AWG (solid) .028" BCCS 32.0Ω/M' 105.0Ω/km | .185 | 4.70 | (2) BC Braids 98% Shield Coverage 1.1Ω/M' 3.6Ω/km | .332 | 8.43 | 75 | 66% | 20.5 | 67.2 | 1 | .4 | 1.3 |
| | | | | | | | | | | | | | | | | | 10 | .8 | 2.6 |
| | | | | | | | | | | | | | | | | | 50 | 1.9 | 6.2 |
| | | | | | | | | | | | | | | | | | 100 | 2.7 | 8.9 |
| | | | | | | | | | | | | | | | | | 200 | 4.1 | 13.4 |
| | | | | | | | | | | | | | | | | | 400 | 5.9 | 19.4 |
| | | | | | | | | | | | | | | | | | 700 | 8.1 | 26.6 |
| | | | | | | | | | | | | | | | | | 900 | 9.4 | 30.8 |
| | | | | | | | | | | | | | | | | | 1000 | 9.8 | 32.1 |

18 AWG Solid .037" Bare Copper Conductor • Bare Copper Double Braid Shields (98% Coverage)

| | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------------|--------------|----------------|---------------|--------------|---|------|------|--|------|------|----|-----|------|------|------|-----|------|
| Foam Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
| 80°C | 9290 | NEC: CM CEC: CM | 1000 2000 | 304.8 609.6 | 59.0 118.0 | 26.8 53.5 | 18 AWG (solid) .037" BC 7.5Ω/M' 24.6Ω/km | .180 | 4.57 | (2) BC Braids 98% Shield Coverage 2.0Ω/M' 6.6Ω/km | .288 | 7.32 | 75 | 81% | 17.3 | 56.7 | 1 | .2 | .7 |
| | | | | | | | | | | | | | | | | | 10 | .7 | 2.3 |
| | | | | | | | | | | | | | | | | | 50 | 1.7 | 5.6 |
| | | | | | | | | | | | | | | | | | 100 | 2.5 | 8.2 |
| | | | | | | | | | | | | | | | | | 200 | 3.6 | 11.8 |
| | | | | | | | | | | | | | | | | | 400 | 5.0 | 16.4 |
| | | | | | | | | | | | | | | | | | 700 | 7.2 | 23.6 |
| | | | | | | | | | | | | | | | | | 900 | 8.3 | 27.2 |
| | | | | | | | | | | | | | | | | | 1000 | 8.8 | 28.9 |

Suitable for Indoor and Outdoor applications.

18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)

| | | | | | | | | | | | | | | | | | | | |
|---|-------------|--------------------------|--------------|------------------|--------------|------------|---|------|------|---|------|------|----|-----|------|------|------|-----|------|
| Gas-injected Foam HDPE Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
| UL AWM Style 1354 (30V 80°C) | 9248 | NEC: CM CEC: CM | U-500 500 | U-152.4 152.4 | 16.5 15.0 | 7.5 6.8 | 18 AWG (solid) .040" BC 6.4Ω/M' 21.0Ω/km | .180 | 4.57 | Duofoil + 60% TC Braid 5.6Ω/M' 18.4Ω/km | .270 | 6.86 | 75 | 82% | 16.2 | 53.1 | 1 | .3 | 1.0 |
| | | | | | | | | | | | | | | | | | 10 | .7 | 2.3 |
| | | | | | | | | | | | | | | | | | 50 | 1.5 | 4.9 |
| | | | | | | | | | | | | | | | | | 100 | 2.0 | 6.6 |
| | | | | | | | | | | | | | | | | | 200 | 2.8 | 9.2 |
| | | | | | | | | | | | | | | | | | 400 | 4.0 | 13.1 |
| | | | | | | | | | | | | | | | | | 700 | 5.3 | 17.4 |
| | | | | | | | | | | | | | | | | | 900 | 6.1 | 20.0 |
| | | | | | | | | | | | | | | | | | 1000 | 6.5 | 21.3 |

18 AWG Solid .040" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (65% Coverage)

| | | | | | | | | | | | | | | | | | | | |
|--|--------------|--------------------------------|---------------------|-------------------------|----------------------|---------------------|---|------|------|---|------|------|----|-----|------|------|------|-----|------|
| Plenum • Foam FEP Insulation • Black FEP Jacket | | | | | | | | | | | | | | | | | | | |
| 200°C | 89248 | NEC: CMP CEC: CMP FT6 | 500 1000 2000 | 152.4 304.8 609.6 | 15.0 33.0 64.0 | 6.8 15.0 29.0 | 18 AWG (solid) .040" BC 6.4Ω/M' 21.0Ω/km | .170 | 4.32 | Duofoil + 65% TC Braid 5.1Ω/M' 16.7Ω/km | .222 | 5.64 | 75 | 82% | 16.5 | 54.1 | 1 | .3 | 1.0 |
| | | | | | | | | | | | | | | | | | 10 | .7 | 2.3 |
| | | | | | | | | | | | | | | | | | 50 | 1.5 | 4.9 |
| | | | | | | | | | | | | | | | | | 100 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 200 | 3.1 | 10.2 |
| | | | | | | | | | | | | | | | | | 400 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 700 | 6.0 | 19.7 |
| | | | | | | | | | | | | | | | | | 900 | 6.9 | 22.6 |
| | | | | | | | | | | | | | | | | | 1000 | 7.3 | 23.9 |

Suitable for Outdoor and Direct Burial applications.

| | | | | | | | | | | | | | | | | | | | |
|--|--------------|--------------------------------|----------------|------------------|--------------|--------------|---|------|------|---|------|------|----|-----|------|------|------|-----|------|
| Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket | | | | | | | | | | | | | | | | | | | |
| 75°C | 82248 | NEC: CMP CEC: CMP FT6 | U-1000 1000 | U-304.8 304.8 | 29.0 31.0 | 13.2 14.1 | 18 AWG (solid) .040" BC 6.4Ω/M' 21.0Ω/km | .170 | 4.32 | Duofoil + 65% TC Braid 5.1Ω/M' 16.7Ω/km | .222 | 5.64 | 75 | 82% | 16.5 | 54.1 | 1 | .3 | 1.0 |
| | | | | | | | | | | | | | | | | | 10 | .7 | 2.3 |
| | | | | | | | | | | | | | | | | | 50 | 1.6 | 5.2 |
| | | | | | | | | | | | | | | | | | 100 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.6 | 15.1 |
| | | | | | | | | | | | | | | | | | 700 | 6.6 | 21.6 |
| | | | | | | | | | | | | | | | | | 900 | 7.7 | 25.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.2 | 26.9 |

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

Standard Analog Video Cable75 Ohm Coax
RG-11/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 |

18 AWG Stranded (7x26) .048" Tinned Copper Conductor • Bare Copper Braid Shield (97% Coverage)**Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|------------|------|-------|-------|------|------------------|------|------|------------------------|------|-------|----|-----|------|------|------|-----|------|
| 80°C | 8238 | NEC: CM | 500 | 152.4 | 59.0 | 26.8 | 18 AWG (7x26) | .285 | 7.24 | BC Braid 97% Shield | .405 | 10.29 | 75 | 66% | 20.5 | 67.2 | 1 | .2 | .6 |
| | | CEC: CM | 1000 | 304.8 | 117.0 | 53.2 | .048" TC | | | Coverage 1.2Ω/M' | | | | | | | 10 | .7 | 2.2 |
| | | | | | | | 6.1Ω/M' | | | 3.9Ω/km | | | | | | | 50 | 1.3 | 4.3 |
| | | | | | | | 20.0Ω/km | | | | | | | | | | 100 | 2.0 | 6.6 |
| | | | | | | | | | | | | | | | | | 200 | 2.9 | 9.5 |
| | | | | | | | | | | | | | | | | | 400 | 4.2 | 13.8 |
| | | | | | | | | | | | | | | | | | 700 | 5.8 | 19.0 |
| | | | | | | | | | | | | | | | | | 900 | 6.8 | 22.3 |
| | | | | | | | | | | | | | | | | | 1000 | 7.1 | 23.3 |

Suitable for Indoor and Outdoor applications.

Polyethylene Insulation • Black PVC Jacket*

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|-------------|------|-------|-------|------|------------------|------|------|------------------------|------|-------|----|-----|------|------|------|-----|------|
| 60°C | 8261 | CEC: CXC | 500 | 152.4 | 52.5 | 23.9 | 18 AWG (7x26) | .285 | 7.24 | BC Braid 97% Shield | .405 | 10.29 | 75 | 66% | 20.5 | 67.2 | 1 | .2 | .6 |
| VW-1 | | | 1000 | 304.8 | 104.0 | 47.3 | .048" TC | | | Coverage 1.2Ω/M' | | | | | | | 10 | .7 | 2.2 |
| | | | | | | | 6.1Ω/M' | | | 3.9Ω/km | | | | | | | 50 | 1.3 | 4.3 |
| | | | | | | | 20.0Ω/km | | | | | | | | | | 100 | 2.0 | 6.6 |
| | | | | | | | | | | | | | | | | | 200 | 2.9 | 9.5 |
| | | | | | | | | | | | | | | | | | 400 | 4.2 | 13.8 |
| | | | | | | | | | | | | | | | | | 700 | 5.8 | 19.0 |
| | | | | | | | | | | | | | | | | | 900 | 6.8 | 22.3 |
| | | | | | | | | | | | | | | | | | 1000 | 7.1 | 23.3 |

*Non-contaminating PVC jacket. Suitable for Indoor and Outdoor applications.

14 AWG Solid .064" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)**Gas-injected Foam HDPE Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|------|-------|------|------|-------------------|------|------|------------------------------|------|-------|----|-----|------|------|------|-----|------|
| 80°C | 9292 | — | 1000 | 304.8 | 75.0 | 36.8 | 14 AWG (solid) | .280 | 7.11 | Duofoil + 60% TC Braid | .405 | 10.29 | 75 | 84% | 16.1 | 52.8 | 1 | .2 | .6 |
| | | | | | | | .064" BC | | | 3.0Ω/M' | | | | | | | 10 | .5 | 1.6 |
| | | | | | | | 2.6Ω/M' | | | 9.8Ω/km | | | | | | | 50 | .9 | 3.0 |
| | | | | | | | 8.5Ω/km | | | | | | | | | | 100 | 1.3 | 4.3 |
| | | | | | | | | | | | | | | | | | 200 | 1.6 | 5.3 |
| | | | | | | | | | | | | | | | | | 400 | 2.3 | 7.6 |
| | | | | | | | | | | | | | | | | | 700 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 900 | 4.0 | 13.1 |
| | | | | | | | | | | | | | | | | | 1000 | 4.3 | 14.1 |

Suitable for Indoor and Outdoor applications.

14 AWG Solid .064" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (63% Coverage)**Plenum • Foam FEP Insulation • Black FEP Jacket**

| | | | | | | | | | | | | | | | | | | | |
|-------|--------------|-----------------|-------|-------|------|------|-------------------|------|------|------------------------------|------|------|----|-----|------|------|------|-----|------|
| 200°C | 89292 | NEC: CMP | 500† | 152.4 | 40.5 | 18.4 | 14 AWG (solid) | .274 | 6.96 | Duofoil + 63% TC Braid | .346 | 8.79 | 75 | 83% | 16.2 | 53.1 | 1 | .2 | .5 |
| | | CATVP | 1000† | 304.8 | 81.0 | 36.7 | .064" BC | | | 3.0Ω/M' | | | | | | | 10 | .4 | 1.3 |
| | | CEC: CMP FT6 | | | | | 2.5Ω/M' | | | 9.8Ω/km | | | | | | | 50 | 1.0 | 3.3 |
| | | | | | | | 8.2Ω/km | | | | | | | | | | 100 | 1.5 | 4.9 |
| | | | | | | | | | | | | | | | | | 200 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 400 | 3.3 | 10.8 |
| | | | | | | | | | | | | | | | | | 700 | 4.5 | 14.8 |
| | | | | | | | | | | | | | | | | | 900 | 5.2 | 17.1 |
| | | | | | | | | | | | | | | | | | 1000 | 5.5 | 18.0 |

14 AWG Solid .064" Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)**Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|------|-------|-------|------|-------------------|------|------|------------------------|------|-------|----|-----|------|------|------|-----|------|
| 80°C | 8213 | — | 500 | 152.4 | 44.0 | 20.0 | 14 AWG (solid) | .285 | 7.24 | BC Braid 97% Shield | .405 | 10.29 | 75 | 84% | 16.1 | 52.8 | 1 | .2 | .6 |
| | | | 1000 | 304.8 | 87.0 | 39.5 | .064" BC | | | 1.1Ω/M' | | | | | | | 10 | .4 | 1.1 |
| | | | 2000 | 609.6 | 172.0 | 78.2 | 2.6Ω/M' | | | 3.6Ω/km | | | | | | | 50 | .9 | 3.0 |
| | | | | | | | 8.5Ω/km | | | | | | | | | | 100 | 1.3 | 4.3 |
| | | | | | | | | | | | | | | | | | 200 | 1.9 | 6.2 |
| | | | | | | | | | | | | | | | | | 400 | 2.9 | 9.5 |
| | | | | | | | | | | | | | | | | | 700 | 4.1 | 13.5 |
| | | | | | | | | | | | | | | | | | 900 | 4.8 | 15.7 |
| | | | | | | | | | | | | | | | | | 1000 | 5.2 | 17.1 |

Suitable for Indoor and Outdoor applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.