

50 Ohm Transmission and Computer Cable

RG-188A/U, RG-174/U and RG-58/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 |

RG-174/U Type • 26 AWG Stranded (7x34) .019" Bare Copper-covered Steel Conductor • Tinned Copper Braid Shield (90% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|---|--------|-------|-----|-----|---------------|------|------|------------|------|------|----|-----|------|-------|------|------|-------|
| UL AWM Style 1354 (30V 75°C) | 8216 | — | 100 | 30.5 | 1.1 | .5 | 26 AWG (7x34) | .060 | 1.52 | TC Braid | .110 | 2.79 | 50 | 66% | 30.8 | 101.0 | 1 | 1.9 | 6.2 |
| | | | 500 | 152.4 | 5.0 | 2.3 | | | | 90% Shield | | | | | | | 10 | 3.3 | 10.8 |
| | | | 1000†† | 304.8 | 9.0 | 4.1 | .019" | | | Coverage | | | | | | | 50 | 5.8 | 19.0 |
| | | | | | | | BCCS | | | 10.7Ω/M' | | | | | | | 100 | 8.4 | 27.6 |
| | | | | | | | 97.0Ω/M' | | | 35.1Ω/km | | | | | | | 200 | 12.5 | 41.0 |
| | | | | | | | 318.2Ω/km | | | | | | | | | | 400 | 19.0 | 62.3 |
| | | | | | | | | | | | | | | | | | 700 | 27.0 | 88.6 |
| | | | | | | | | | | | | | | | | | 900 | 31.0 | 101.7 |
| | | | | | | | | | | | | | | | | | 1000 | 34.0 | 111.5 |



RG-188A/U Type • 26 AWG Stranded (7x34) .020" Silver-plated Copper-covered Steel Conductor • SPC Braid Shield (96% Coverage)

TFE Teflon® Insulation • White TFE Tape Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|--------------|---|-------|-------|------|-----|---------------|------|------|------------|------|------|----|-------|------|------|------|------|------|
| 200°C VW-1 | 83269 | — | 100† | 30.5 | 2.0 | .9 | 26 AWG (7x34) | .058 | 1.47 | SPC Braid | .098 | 2.49 | 50 | 69.5% | 29.0 | 95.1 | 1 | 1.2 | 3.9 |
| | | | 500† | 152.4 | 6.5 | 2.9 | .020" | | | 96% Shield | | | | | | | 10 | 2.7 | 8.9 |
| | | | 1000† | 304.8 | 12.0 | 5.5 | | | | Coverage | | | | | | | 50 | 5.6 | 18.4 |
| | | | | | | | SCCCS | | | 8.5Ω/M' | | | | | | | 100 | 8.3 | 27.2 |
| | | | | | | | 91.2Ω/M' | | | 27.9Ω/km | | | | | | | 200 | 12.0 | 39.4 |
| | | | | | | | 299.2Ω/km | | | | | | | | | | 400 | 17.5 | 57.4 |
| | | | | | | | | | | | | | | | | | 700 | 23.7 | 77.8 |
| | | | | | | | | | | | | | | | | | 900 | 27.3 | 89.6 |
| | | | | | | | | | | | | | | | | | 1000 | 29.0 | 95.1 |

MIL-C-17D

RG-58/U Type • 20 AWG Solid .033" Bare Copper Conductor • Bare Copper Braid Shield (78% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|--------|---------|------|------|----------------|------|------|------------|------|------|------|-----|------|------|------|------|------|
| 80°C | 9201 | — | U-500 | U-152.4 | 13.0 | 5.9 | 20 AWG (solid) | .116 | 2.95 | BC Braid | .193 | 4.90 | 51.5 | 66% | 28.5 | 93.5 | 1 | .3 | 1.1 |
| | | | 500 | 152.4 | 11.5 | 5.2 | .033" | | | 78% Shield | | | | | | | 10 | 1.1 | 3.6 |
| | | | U-1000 | U-304.8 | 25.0 | 11.4 | | | | Coverage | | | | | | | 50 | 2.5 | 8.2 |
| | | | 1000 | 304.8 | 23.0 | 10.4 | BC | | | 5.5Ω/M' | | | | | | | 100 | 3.8 | 12.5 |
| | | | | | | | 10.0Ω/M' | | | 18.0Ω/km | | | | | | | 200 | 5.6 | 18.4 |
| | | | | | | | 33.1Ω/km | | | | | | | | | | 400 | 8.4 | 27.6 |
| | | | | | | | | | | | | | | | | | 700 | 11.7 | 38.4 |
| | | | | | | | | | | | | | | | | | 900 | 13.7 | 44.9 |
| | | | | | | | | | | | | | | | | | 1000 | 14.5 | 47.6 |

RG-58/U Type • 20 AWG Solid .033" Bare Copper Conductor • Duobond® II + Tinned Copper Braid Shield (55% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------|---|--------|---------|------|------|----------------|------|------|-------------------|------|------|----|-----|------|-------|------|------|------|
| UL AWM Style 1354 (30V 60°C) | 9310** | — | 500 | 152.4 | 10.5 | 4.8 | 20 AWG (solid) | .114 | 2.90 | Duobond II* + 55% | .193 | 4.90 | 50 | 66% | 30.8 | 101.0 | 1 | .5 | 1.5 |
| | | | U-1000 | U-304.8 | 22.0 | 10.0 | .033" | | | TC Braid | | | | | | | 10 | 1.4 | 4.6 |
| | | | 1000 | 304.8 | 21.0 | 9.5 | | | | Coverage | | | | | | | 50 | 2.8 | 9.2 |
| | | | | | | | BC | | | 8.0Ω/M' | | | | | | | 100 | 3.8 | 12.5 |
| | | | | | | | 9.4Ω/M' | | | 24.4Ω/km | | | | | | | 200 | 5.4 | 17.7 |
| | | | | | | | 28.6Ω/km | | | | | | | | | | 400 | 7.9 | 25.9 |
| | | | | | | | | | | | | | | | | | 700 | 11.1 | 36.4 |
| | | | | | | | | | | | | | | | | | 900 | 12.8 | 42.0 |
| | | | | | | | | | | | | | | | | | 1000 | 13.9 | 45.6 |

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • SCCCS = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper • TC = Tinned Copper • TFE = Tetra Fluoroethylene
 Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).

**See Belden's website, www.belden.com, for connector information.

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

†† May contain more than one piece, min. length of any one piece is 100 ft. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.



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

50 Ohm Transmission and Computer Cable

RG-58A/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 |

RG-58A/U Type • 20 AWG Stranded (19x32) .037" Tinned Copper Conductor • Tinned Copper Braid Shield (96% Coverage)

| Foam Polyethylene Insulation • Black or White PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|------|------|---------------------|---------|------|----------|---------|------|----------|------------|------|------|------|-----|------|------|------|------|------|
| UL AWM | 8219 | NEC: | U-500 | U-152.4 | 13.5 | 6.1 | 20 AWG | .114 | 2.90 | TC Braid | .194 | 4.93 | 53.5 | 73% | 26.5 | 86.9 | 1 | .4 | 1.2 |
| Style 1354 | | CM | 500 [▲] | 152.4 | 13.0 | 6.0 | (19x32) | | | 96% Shield | | | | | | | 10 | 1.3 | 4.3 |
| (30V 80°C) | | CEC: | U-1000 [▲] | U-304.8 | 27.0 | 12.3 | .037" | | | Coverage | | | | | | | 50 | 3.1 | 10.2 |
| | | CM | 1000 | 304.8 | 26.0 | 11.8 | TC | | | 4.1Ω/M' | | | | | | | 100 | 4.5 | 14.8 |
| | | | | | | 8.8Ω/M' | | | 13.4Ω/km | | | | | | | 200 | 6.6 | 21.7 | |
| | | | | | | 28.9Ω/km | | | | | | | | | | 400 | 10.0 | 32.8 | |
| | | | | | | | | | | | | | | | | 700 | 14.2 | 46.6 | |
| | | | | | | | | | | | | | | | | 900 | 16.6 | 54.5 | |
| | | | | | | | | | | | | | | | | 1000 | 18.1 | 59.4 | |

P-MSHA • SC-182/5**

*500 ft. and U-1000 ft. put-ups available in Black only. Black jacket suitable for Aerial (when supported by a messenger) and Outdoor applications.

RG-58A/U Type • 20 AWG Stranded (19x32) .037" Tinned Copper Conductor • Duobond® II* + Tinned Copper Braid Shield (55% Coverage)

| Foam Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|---|--------|------|--------|---------|------|----------|---------|------|----------|-------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9311** | NEC: | 500 | 152.4 | 10.5 | 4.8 | 20 AWG | .114 | 2.90 | Duobond II* | .193 | 4.90 | 52 | 75% | 26.0 | 85.3 | 1 | .5 | 1.6 |
| Style 1354 | | CM | U-1000 | U-304.8 | 23.0 | 10.5 | (19x32) | | | + 55% TC | | | | | | | 10 | 1.5 | 4.9 |
| (30V 80°C) | | CEC: | 1000 | 304.8 | 21.0 | 9.5 | .037" | | | Braid | | | | | | | 50 | 2.9 | 9.5 |
| | | CM | | | | | TC | | | 17.0Ω/M' | | | | | | | 100 | 4.0 | 13.1 |
| | | | | | | 8.8Ω/M' | | | 55.8Ω/km | | | | | | | 200 | 5.7 | 18.7 | |
| | | | | | | 28.9Ω/km | | | | | | | | | | 400 | 8.5 | 27.9 | |
| | | | | | | | | | | | | | | | | 700 | 12.2 | 40.0 | |
| | | | | | | | | | | | | | | | | 900 | 14.5 | 47.6 | |
| | | | | | | | | | | | | | | | | 1000 | 15.8 | 51.8 | |

RG-58A/U Type • 20 AWG Stranded (19x33) .035" Tinned Copper Conductor • Tinned Copper Braid Shield (95% Coverage)

| Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|------|---|--------|---------|------|------|----------|------|------|------------|------|------|----|-----|------|-------|------|------|------|
| 75°C | 8259 | — | 100 | 30.5 | 3.5 | 1.6 | 20 AWG | .116 | 2.95 | TC Braid | .192 | 4.88 | 50 | 66% | 30.8 | 101.0 | 1 | .4 | 1.4 |
| | | | U-500 | U-152.4 | 13.5 | 6.1 | (19x33) | | | 95% Shield | | | | | | | 10 | 1.5 | 4.9 |
| | | | 500 | 152.4 | 13.5 | 6.1 | .035" | | | Coverage | | | | | | | 50 | 3.7 | 12.1 |
| | | | U-1000 | U-304.8 | 25.0 | 11.3 | TC | | | 4.1Ω/M' | | | | | | | 100 | 5.4 | 17.7 |
| | | | 1000 | 304.8 | 26.0 | 11.8 | 10.8Ω/M' | | | 13.4Ω/km | | | | | | 200 | 8.1 | 26.6 | |
| | | | | | | | 35.4Ω/km | | | | | | | | | 400 | 12.4 | 40.7 | |
| | | | | | | | | | | | | | | | | 700 | 17.7 | 58.1 | |
| | | | | | | | | | | | | | | | | 900 | 21.1 | 69.2 | |
| | | | | | | | | | | | | | | | | 1000 | 22.8 | 74.8 | |

Suitable for Aerial (when supported by a messenger) and Outdoor applications.

RG-58A/U Type • 20 AWG Solid Bare Copper Conductor • Tinned Copper Braid Shield (95% Coverage)

| Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
|--|------|------|--------|---------|------|------|----------|------|------|------------|------|------|------|-----|------|------|------|------|------|
| UL AWM | 8240 | NEC: | 100 | 30.5 | 3.6 | 1.6 | 20 AWG | .116 | 2.95 | TC Braid | .193 | 4.90 | 51.5 | 66% | 28.5 | 93.5 | 1 | .3 | 1.1 |
| Style 1354 | | CMX | U-500 | U-152.4 | 14.0 | 6.4 | (solid) | | | 95% Shield | | | | | | | 10 | 1.1 | 3.6 |
| (30V 80°C) | | CEC: | 500 | 152.4 | 13.0 | 5.9 | .033" | | | Coverage | | | | | | | 50 | 2.5 | 8.2 |
| VW-1 | | CMX | U-1000 | U-304.8 | 27.0 | 12.3 | BC | | | 4.1Ω/M' | | | | | | | 100 | 3.8 | 12.5 |
| | | | 1000 | 304.8 | 26.0 | 11.8 | 10.0Ω/M' | | | 13.4Ω/km | | | | | | 200 | 5.6 | 18.4 | |
| | | | | | | | 32.8Ω/km | | | | | | | | | 400 | 8.4 | 27.6 | |
| | | | | | | | | | | | | | | | | 700 | 11.7 | 38.4 | |
| | | | | | | | | | | | | | | | | 900 | 13.7 | 44.9 | |
| | | | | | | | | | | | | | | | | 1000 | 14.5 | 47.6 | |

Suitable for Aerial (when supported by a messenger) and Outdoor applications.

| Plenum • FEP Teflon® Insulation • Black FEP Teflon Jacket | | | | | | | | | | | | | | | | | | | |
|---|-------|---------|-------------------|-------|------|----------|---------|------|----------|------------|------|------|------|-------|------|------|------|------|------|
| 200°C | 88240 | NEC: | 500 [†] | 152.4 | 12.0 | 5.4 | 20 AWG | .107 | 2.72 | TC Braid | .159 | 4.04 | 53.5 | 69.5% | 26.4 | 86.6 | 1 | .5 | 1.6 |
| | | CMP | 1000 [†] | 304.8 | 24.0 | 10.9 | (solid) | | | 95% Shield | | | | | | | 10 | 1.2 | 3.9 |
| | | CEC: | | | | | .032" | | | Coverage | | | | | | | 50 | 3.0 | 9.8 |
| | | CMP FT6 | | | | | BC | | | 6.7Ω/M' | | | | | | | 100 | 4.3 | 14.2 |
| | | | | | | 10.2Ω/M' | | | 22.0Ω/km | | | | | | | 200 | 6.4 | 21.0 | |
| | | | | | | 33.5Ω/km | | | | | | | | | | 400 | 9.7 | 31.7 | |
| | | | | | | | | | | | | | | | | 700 | 13.7 | 45.0 | |
| | | | | | | | | | | | | | | | | 900 | 16.1 | 52.8 | |
| | | | | | | | | | | | | | | | | 1000 | 17.3 | 56.6 | |

| Plenum • FEP Teflon Insulation • Natural Flamarrest® Jacket | | | | | | | | | | | | | | | | | | | |
|---|-------|---------|---------------------|---------|------|----------|---------|------|----------|------------|------|------|------|-------|------|------|------|------|------|
| 75°C | 82240 | NEC: | U-500 [†] | U-152.4 | 13.5 | 6.1 | 20 AWG | .107 | 2.72 | TC Braid | .159 | 4.04 | 53.5 | 69.5% | 26.4 | 86.6 | 1 | .5 | 1.6 |
| | | CMP | U-1000 [†] | U-304.8 | 26.0 | 11.8 | (solid) | | | 95% Shield | | | | | | | 10 | 1.2 | 3.9 |
| | | CEC: | 1000 [†] | 304.8 | 24.0 | 10.9 | .032" | | | Coverage | | | | | | | 50 | 3.0 | 9.8 |
| | | CMP FT6 | | | | | BC | | | 6.7Ω/M' | | | | | | | 100 | 4.3 | 14.2 |
| | | | | | | 10.2Ω/M' | | | 22.0Ω/km | | | | | | | 200 | 6.4 | 21.0 | |
| | | | | | | 33.5Ω/km | | | | | | | | | | 400 | 9.7 | 31.7 | |
| | | | | | | | | | | | | | | | | 700 | 13.7 | 45.0 | |
| | | | | | | | | | | | | | | | | 900 | 16.1 | 52.8 | |
| | | | | | | | | | | | | | | | | 1000 | 17.3 | 56.6 | |

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

*Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).

**Pennsylvania Department of Environmental Resource and United States Mine Safety and Health Administration certification.

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

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

See Belden's website, www.belden.com, for connector information.

Teflon is a DuPont trademark.



50 Ohm Transmission and Computer Cable

RG-8X and RG-8/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 |

RG-8X Type • 16 AWG Stranded (19x29) .058" Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)

Gas-injected FPE Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|--------|---------|------|----------|---------|------|------|------------|------|------|----|-----|------|------|------|------|------|
| UL AWM | 9258 | NEC: | U-500 | U-152.4 | 20.0 | 9.1 | 16 AWG | .155 | 3.94 | BC Braid | .242 | 6.15 | 50 | 82% | 24.8 | 75.6 | 1 | .3 | 1.0 |
| Style 1354 | | CM | 500 | 152.4 | 18.5 | 8.4 | (19x29) | | | 95% Shield | | | | | | | 10 | .9 | 3.0 |
| (30V 80°C) | | CEC: | U-1000 | U-304.8 | 39.0 | 17.7 | .058" | | | Coverage | | | | | | | 50 | 2.1 | 6.9 |
| | | CM | 1000 | 304.8 | 40.0 | 18.2 | BC | | | 3.3Ω/M' | | | | | | | 100 | 3.1 | 10.2 |
| | | | | | | | 4.3Ω/M' | | | 10.8Ω/km | | | | | | | 200 | 4.5 | 14.8 |
| | | | | | | 14.1Ω/km | | | | | | | | | | 400 | 6.6 | 21.7 | |
| | | | | | | | | | | | | | | | | 700 | 9.1 | 29.9 | |
| | | | | | | | | | | | | | | | | 900 | 10.7 | 35.1 | |
| | | | | | | | | | | | | | | | | 1000 | 11.2 | 36.7 | |

*1000 ft. put-up also available in White.
Suitable for Outdoor and Aerial applications.

RG-8/U Type • 13 AWG Stranded (7x21) .085" Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)

Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---------|------|-------|-------|---------|---------|------|------|------------|------|-------|----|-----|------|------|------|------|-----|
| 75°C | 8237 | NEC: | 100 | 30.5 | 13.6 | 6.2 | 13 AWG | .285 | 7.24 | BC Braid | .405 | 10.29 | 52 | 66% | 28.5 | 93.5 | 1 | .2 | .5 |
| | | CMH | 500 | 152.4 | 58.0 | 26.3 | (7x21) | | | 97% Shield | | | | | | | 10 | .6 | 1.8 |
| | | CEC: | 1000 | 304.8 | 114.0 | 51.7 | .085" | | | Coverage | | | | | | | 50 | 1.3 | 4.3 |
| | | CMH FT1 | | | | | BC | | | 1.2Ω/M' | | | | | | | 100 | 1.9 | 6.2 |
| | | | | | | | 1.9Ω/M' | | | 3.9Ω/km | | | | | | | 200 | 2.8 | 9.2 |
| | | | | | | 6.2Ω/km | | | | | | | | | | 400 | 4.2 | 13.8 | |
| | | | | | | | | | | | | | | | | 700 | 5.9 | 19.4 | |
| | | | | | | | | | | | | | | | | 900 | 6.9 | 22.6 | |
| | | | | | | | | | | | | | | | | 1000 | 7.4 | 24.3 | |
| | | | | | | | | | | | | | | | | 4000 | 23.2 | 76.1 | |

JAN-C-17A
Suitable for Outdoor and Aerial applications.

Polyethylene Insulation • Black Non-contaminating PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|-------|-------|---------|---------|------|------|------------|------|-------|----|-----|------|------|------|------|-----|
| UL AWM | 9251 | NEC: | 500 | 152.4 | 58.0 | 26.3 | 13 AWG | .285 | 7.24 | BC Braid | .405 | 10.29 | 52 | 66% | 28.5 | 93.5 | 1 | .2 | .5 |
| Style 1354 | | CMX | 1000 | 304.8 | 115.0 | 52.3 | (7x21) | | | 97% Shield | | | | | | | 10 | .6 | 1.8 |
| (30V 60°C) | | CEC: | | | | | .085" | | | Coverage | | | | | | | 50 | 1.3 | 4.3 |
| | | CMX | | | | | BC | | | 1.2Ω/M' | | | | | | | 100 | 1.9 | 6.2 |
| | | | | | | | 1.9Ω/M' | | | 3.9Ω/km | | | | | | | 200 | 2.8 | 9.2 |
| | | | | | | 6.2Ω/km | | | | | | | | | | 400 | 4.2 | 13.8 | |
| | | | | | | | | | | | | | | | | 700 | 5.9 | 19.4 | |
| | | | | | | | | | | | | | | | | 900 | 6.9 | 22.6 | |
| | | | | | | | | | | | | | | | | 1000 | 7.4 | 24.3 | |
| | | | | | | | | | | | | | | | | 4000 | 23.2 | 76.1 | |

MIL-C-17D

RG-8/U Type • 11 AWG Stranded (7x19) .108" Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)

Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|------|------|-------|-------|---------|---------|------|------|------------|------|-------|----|-----|----|------|------|------|-----|
| UL AWM | 8214 | NEC: | 100 | 30.5 | 14.2 | 6.5 | 11 AWG | .285 | 7.24 | BC Braid | .403 | 10.24 | 50 | 78% | 26 | 85.3 | 1 | .1 | .5 |
| Style 1354 | | CM | 500 | 152.4 | 61.0 | 27.7 | (7x19) | | | 97% Shield | | | | | | | 10 | .5 | 1.7 |
| (30V 80°C) | | CEC: | 1000 | 304.8 | 121.0 | 55.0 | .108" | | | Coverage | | | | | | | 50 | 1.2 | 3.9 |
| | | CM | | | | | BC | | | 1.1Ω/M' | | | | | | | 100 | 1.7 | 5.6 |
| | | | | | | | 1.2Ω/M' | | | 3.6Ω/km | | | | | | | 200 | 2.6 | 8.5 |
| | | | | | | 3.9Ω/km | | | | | | | | | | 400 | 3.9 | 12.8 | |
| | | | | | | | | | | | | | | | | 700 | 5.6 | 18.4 | |
| | | | | | | | | | | | | | | | | 900 | 6.5 | 21.3 | |
| | | | | | | | | | | | | | | | | 1000 | 7.0 | 23.0 | |
| | | | | | | | | | | | | | | | | 4000 | 21.5 | 70.5 | |

Suitable for Outdoor and Aerial applications.

BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • 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.

50 Ohm Transmission and Computer Cable

RG-8/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 |

RG-8/U Type • 10 AWG Solid .108" Bare Copper Conductor • Duobond® II + Tinned Copper Braid Shield (90% Coverage)

| Semi-solid Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|------|-------|-------|------|---------|------|------|-------------|------|-------|----|-----|------|------|---|----|-----|-----|-----|-----|
| Low Loss 80°C | 9913 | — | 100 | 30.5 | 14.2 | 6.4 | 10 AWG | .286 | 7.26 | Duobond II* | .405 | 10.29 | 50 | 84% | 24.6 | 80.7 | 1 | .3 | 1.0 | | | |
| | | | 250 | 76.2 | 31.8 | 14.4 | (solid) | | | + 90% | | | | | | | | 10 | .5 | 1.7 | | |
| | | | 500 | 152.4 | 57.0 | 25.9 | .108" | | | TC Braid | | | | | | | | | 50 | 1.0 | 3.3 | |
| | | | 1000 | 304.8 | 116.0 | 52.6 | BC | | | 1.8Ω/M' | | | | | | | | | 100 | 1.4 | 4.6 | |
| | | | | | | | .9Ω/M' | | | 5.9Ω/km | | | | | | | | | | 200 | 1.8 | 6.0 |
| | | | | | | | 3.0Ω/km | | | | | | | | | | | | | 400 | 2.6 | 8.5 |

For Plenum version of 9913, see 89913.

Suitable for Outdoor and Aerial applications.

| Plenum • Semi-solid FEP Insulation • Black Fluorocopolymer Jacket | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|---------------------------------|-------|-------|-------|------|---------|------|------|-------------|------|------|----|-----|------|------|---|----|----|-----|-----|------|
| 150°C | 89913 | NEC: CMP: CEC: CMP FT6 | 500† | 152.4 | 63.0 | 28.6 | 10 AWG | .295 | 7.49 | Duobond II* | .364 | 9.25 | 50 | 83% | 25.0 | 82.0 | 1 | .1 | .3 | | | |
| | | | 1000† | 304.8 | 128.0 | 58.2 | (solid) | | | + 90% | | | | | | | | | 10 | .4 | 1.3 | |
| | | | | | | | .108" | | | TC Braid | | | | | | | | | | 50 | 1.0 | 3.3 |
| | | | | | | | BC | | | 1.8Ω/M' | | | | | | | | | | 100 | 1.6 | 5.2 |
| | | | | | | | .9Ω/M' | | | 5.9Ω/km | | | | | | | | | | 200 | 2.3 | 7.5 |
| | | | | | | | 3.0Ω/km | | | | | | | | | | | | | 400 | 3.4 | 11.1 |

RG-8/U Type • 10 AWG Stranded (7x19) .108" Bare Copper Conductor • Duobond II + Tinned Copper Braid Shield (95% Coverage)

| Gas-injected Foam HDPE Insulation • Matte Black Belflex® Jacket | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---|------|-------|-------|------|---------|------|------|-------------|------|-------|----|-----|------|------|---|----|-----|-----|-----|-----|-----|
| Low Loss High-Flex 80°C | 9913F7 | — | 100 | 30.5 | 12.5 | 5.7 | 10 AWG | .285 | 7.24 | Duobond II* | .405 | 10.29 | 52 | 85% | 22.5 | 80.7 | 1 | .4 | 1.3 | | | | |
| | | | 250 | 76.2 | 27.8 | 12.6 | (7x19) | | | + 95% TC | | | | | | | | | 10 | .6 | 2.0 | | |
| | | | 500 | 152.4 | 52.5 | 23.8 | .108" | | | Braid | | | | | | | | | | 50 | 1.1 | 3.6 | |
| | | | 1000 | 304.8 | 104.0 | 47.2 | BC | | | 1.8Ω/M' | | | | | | | | | | 100 | 1.5 | 4.9 | |
| | | | | | | | 1.1Ω/M' | | | 5.9Ω/km | | | | | | | | | | | 200 | 2.0 | 6.6 |
| | | | | | | | 3.7Ω/km | | | | | | | | | | | | | | 400 | 3.0 | 9.8 |

Suitable for Outdoor and Aerial applications.

RG-8/U Type • 10 AWG Solid .103" Bare Copper Conductor • Duobond II + Tinned Copper Braid Shield (95% Coverage)

| Gas-injected Foam HDPE Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---------------------------------|------|-------|-------|------|---------|------|------|-------------|------|-------|----|-----|------|------|---|----|-----|----|-----|-----|-----|
| Low Loss UL AWM Style 1354 (30V 80°C) | 9914 | NEC: CMG: CEC: CMG FT4 | 500 | 152.4 | 56.0 | 25.4 | 10 AWG | .285 | 7.24 | Duobond II* | .403 | 10.24 | 50 | 82% | 24.8 | 81.4 | 1 | .4 | 1.3 | | | | |
| | | | 1000 | 304.8 | 114.0 | 51.7 | (solid) | | | + 95% | | | | | | | | | | 10 | .5 | 1.7 | |
| | | | | | | | .103" | | | TC Braid | | | | | | | | | | | 50 | 1.0 | 3.3 |
| | | | | | | | BC | | | 1.1Ω/M' | | | | | | | | | | | 100 | 1.4 | 4.6 |
| | | | | | | | 1.8Ω/M' | | | 3.6Ω/km | | | | | | | | | | | 200 | 1.8 | 6.0 |
| | | | | | | | 3.9Ω/km | | | | | | | | | | | | | | 400 | 2.6 | 8.5 |

Suitable for Outdoor and Aerial applications.

RG-8/U Type • 10 AWG Solid .108" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (90% Coverage)

| Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|---------------------------------|------|-------|-------|------|---------|------|------|----------|------|------|----|-----|------|------|---|----|----|----|-----|-----|------|
| Low Loss 125°C | 7733A | NEC: CMP: CEC: CMP FT6 | 500 | 152.4 | 53.5 | 24.3 | 10 AWG | .280 | 7.11 | Duofoil | .355 | 9.01 | 50 | 84% | 24.2 | 79.4 | 1 | .1 | .3 | | | | |
| | | | 1000 | 304.8 | 105.0 | 47.7 | (solid) | | | + 90% | | | | | | | | | | 10 | .4 | 1.3 | |
| | | | | | | | .108" | | | TC Braid | | | | | | | | | | | 50 | 1.1 | 3.6 |
| | | | | | | | BC | | | 1.8Ω/M' | | | | | | | | | | | 100 | 1.5 | 4.9 |
| | | | | | | | .9Ω/M' | | | 5.9Ω/km | | | | | | | | | | | 200 | 2.1 | 6.9 |
| | | | | | | | 3.0Ω/km | | | | | | | | | | | | | | 400 | 3.2 | 10.5 |

Suitable for Outdoor and Aerial applications.

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

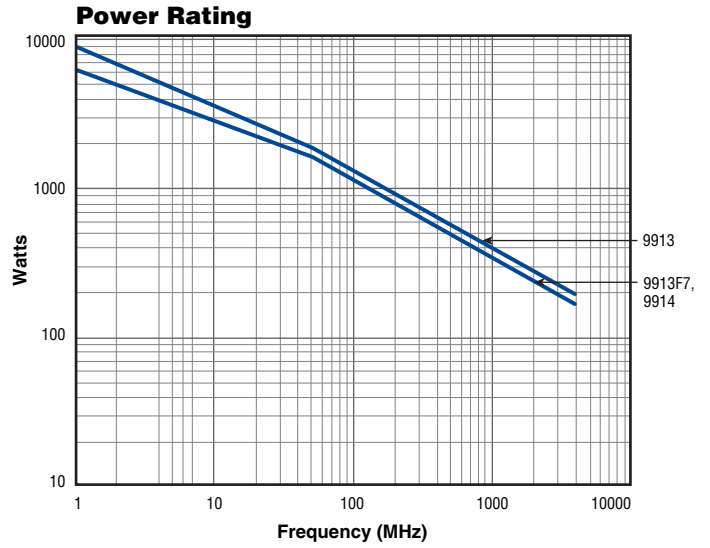
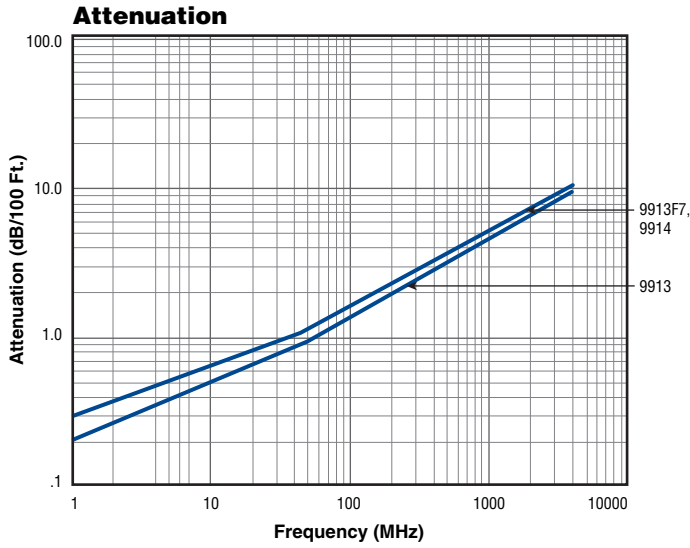
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Duobond II = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage).

†Spools are one piece, but length may vary ±10% from length shown.

50 Ohm Transmission Cable

Electrical Characteristics of 9913, 9913F7 and 9914





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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