

Broadband Coax

MATV Cables

Series 59

| 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. |

Series 59 • 20 AWG Solid .032" Bare Copper-covered Steel Conductor • Foil + Braid Shield (40% Coverage)

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | |
|------|-------------|-----------------|---------------------|---------|------|------|-------------------|------|------|-------------------|------|------|----|-----|------|------|--------------------------------|--|
| 80°C | 9275 | NEC: CATV CM | U-500 | U-152.4 | 12.0 | 5.5 | 20 AWG (solid) | .144 | 3.66 | Duofoil® + 40% | .237 | 6.02 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | |
| | | CEC: CM | U-1000 [▲] | U-304.8 | 23.0 | 10.4 | .032" | | | Aluminum Braid | | | | | | | Sweep tested 5 MHz to 550 MHz. | |
| | | | | | | | BCCS 44.5Ω/M' | | | | | | | | | | | |
| | | | | | | | 146.0Ω/km | | | | | | | | | | | |

[▲]U-1000 ft. put-up also available in White.

| | | | | | | | | | | | | | | | | | | |
|------|-------------|-----------------|---------------------|---------|------|------|-------------------|------|------|-----------------------|------|------|----|-----|------|------|------------------------------|--|
| 80°C | 9100 | NEC: CATV CM | U-500 | U-152.4 | 12.0 | 5.5 | 20 AWG (solid) | .144 | 3.66 | Duobond® II* + 40% | .237 | 6.02 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | |
| | | CEC: CM | U-1000 [▲] | U-304.8 | 23.0 | 10.4 | .032" | | | Aluminum Braid | | | | | | | Sweep tested 5 MHz to 1 GHz. | |
| | | | | | | | BCCS 44.5Ω/M' | | | | | | | | | | | |
| | | | | | | | 146.0Ω/km | | | | | | | | | | | |

[▲]U-1000 ft. put-up also available in White.

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

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

Broadband Coax

CATV Cables

Series 59

| 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 |

Series 59 • 20 AWG Solid .032" Bare Copper-covered Steel Conductor • Duofoil® (100% Coverage) + TC Braid Shield(s) (96% Coverage)

Plenum • Foam FEP Teflon® Insulation • Black FEP Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|-------|--------------|-------|-------------------|-------|------|------|----------|------|------|----------|------|------|--------------------------------|-----|------|------|-----|------|------|
|  | 200°C | 89108 | NEC: | 500 [†] | 152.4 | 17.0 | 7.7 | 20 AWG | .140 | 3.56 | Duofoil | .203 | 5.16 | 75 | 82% | 16.5 | 54.1 | 10 | .7 | 2.3 |
| | | | CATVP | 1000 [†] | 304.8 | 34.0 | 15.4 | (solid) | | | + 96% | | | | | | | 50 | 1.8 | 5.9 |
| | | | CMP | | | | | .032" | | | TC Braid | | | | | | | 100 | 2.6 | 8.5 |
| | | | CEC: | | | | | BCCS | | | 2.6Ω/M' | | | | | | | 200 | 3.7 | 12.1 |
| | | | CMP | | | | | 26.0Ω/M' | | | 8.5Ω/km | | | Sweep tested 5 MHz to 400 MHz. | | | | 400 | 5.4 | 17.7 |
| | | | | | | | | 85.3Ω/km | | | | | | | | | | 700 | 7.3 | 24.0 |
| | | | | | | | | | | | | | | | | | 900 | 8.4 | 27.6 | |
| | | | | | | | | | | | | | | | | | 1000 | 8.9 | 29.2 | |

Plenum • Foam FEP Teflon Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|------|--------------|----------|---------------------|---------|------|------|----------|------|------|----------|------|------|--------------------------------|-----|------|------|-----|------|------|
|  | 75°C | 82108 | NEC: | U-1000 [†] | U-304.8 | 34.0 | 15.4 | 20 AWG | .140 | 3.56 | Duofoil | .202 | 5.13 | 75 | 82% | 16.5 | 54.1 | 10 | .8 | 2.6 |
| | | | CATVP | 1000 [†] | 304.8 | 32.0 | 14.5 | (solid) | | | + 96% | | | | | | | 50 | 1.8 | 5.9 |
| | | | CMP | | | | | .032" | | | TC Braid | | | | | | | 100 | 2.6 | 8.5 |
| | | | CEC: | | | | | BCCS | | | 2.6Ω/M' | | | | | | | 200 | 3.7 | 12.1 |
| | | | CMP FT6, | | | | | 26.0Ω/M' | | | 8.5Ω/km | | | Sweep tested 5 MHz to 400 MHz. | | | | 400 | 5.4 | 17.7 |
| | | | CXC FT4 | | | | | 85.3Ω/km | | | | | | | | | | 700 | 7.3 | 24.0 |
| | | | | | | | | | | | | | | | | | 900 | 8.4 | 27.6 | |
| | | | | | | | | | | | | | | | | | 1000 | 8.9 | 29.2 | |

Plenum • Foam FEP Teflon Insulation • Snow Beige FEP Jacket

| | | | | | | | | | | | | | | | | | | | | |
|--|-------|--------------|---------|-------------------|-------|------|------|----------|------|------|-------------|------|------|--------------------------------|-----|------|------|-----|------|------|
|  | 200°C | 1151A | NEC: | 1000 [†] | 304.8 | 40.0 | 18.2 | 20 AWG | .140 | 3.56 | (2) Duofoil | .236 | 5.99 | 75 | 84% | 16.5 | 54.1 | 10 | .8 | 2.6 |
| | | | CMP | | | | | (solid) | | | Shields | | | | | | | 50 | 1.8 | 5.9 |
| | | | CEC: | | | | | .032" | | | + (2) TC | | | | | | | 100 | 2.6 | 8.5 |
| | | | CMP FT6 | | | | | BCCS | | | Braids | | | | | | | 200 | 3.7 | 12.1 |
| | | | | | | | | 26.0Ω/M' | | | 2.3Ω/M' | | | Sweep tested 5 MHz to 400 MHz. | | | | 400 | 5.4 | 17.7 |
| | | | | | | | | 85.3Ω/km | | | 7.5Ω/km | | | | | | | 700 | 7.3 | 24.0 |
| | | | | | | | | | | | | | | | | | 900 | 8.4 | 27.6 | |
| | | | | | | | | | | | | | | | | | 1000 | 8.9 | 29.2 | |

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

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

Teflon is a DuPont trademark.

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

Broadband Coax

CATV Cables

Series 6

| 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 |

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II + Aluminum Braid Shield (60% Coverage)

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9066 | — | 1000 | 304.8 | 26.0 | 11.8 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 | 6.86 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|-------------|---|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|



CoreGuard®

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|----------------------------------|---|---|--------------------------------------|-----------------------------------|--|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9116 | NEC: CATV CM CEC: CM | U-500▲ 500▲ S-700 U-1000♦ 1000▼ | U-152.4 U-152.4 U-213.4 U-304.8 U-304.8 | 15.0 16.0 18.2 30.0 31.0 | 6.8 7.3 8.3 13.6 14.1 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 | 6.86 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|-------------|----------------------------------|---|---|--------------------------------------|-----------------------------------|--|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|



*500 ft. and U-500 ft. put-ups also available in White.
*U-1000 ft. put-up also available in White, Neutral or Beige.
*1000 ft. put-up also available in White or Neutral.

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|---|----------------|--------------------|--------------|--------------|--|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9116R | NEC: CATVR CMG CEC: CMG FT4 | U-1000 1000 | U-304.8 U-304.8 | 33.0 34.0 | 15.0 15.4 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 | 6.86 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|--------------|---|----------------|--------------------|--------------|--------------|--|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|



| | | | | | | | | | | | | | | | | | | | |
|------|--------------|----------------------------------|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---|--|--|
| 80°C | 1545A | NEC: CATV CM CEC: CM | 1000 | 304.8 | 31.0 | 14.1 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 | 6.86 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 Sweep tested 5 MHz to 1 GHz. | | |
|------|--------------|----------------------------------|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---|--|--|



CoreGuard®

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|----------------------------------|------|-------|------|------|--|------|------|--|-------------------|--------------------|----|-----|------|------|---|--|--|
| 80°C | 9077 | NEC: CATV CM CEC: CM | 1000 | 304.8 | 64.0 | 29.1 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 x .590 | 6.86 x 14.99 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 Sweep tested 5 MHz to 1 GHz. | | |
|------|-------------|----------------------------------|------|-------|------|------|--|------|------|--|-------------------|--------------------|----|-----|------|------|---|--|--|

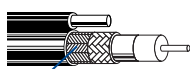


| | | | | | | | | | | | | | | | | | | | |
|------|--------------|---|------|-------|------|------|--|------|------|--|-------------------|--------------------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9117M | — | 1000 | 304.8 | 44.0 | 20.0 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 x .410 | 6.86 x 10.41 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|--------------|---|------|-------|------|------|--|------|------|--|-------------------|--------------------|----|-----|------|------|---------------------------|--|--|



.051" (1.3mm) galvanized steel messenger.

| | | | | | | | | | | | | | | | | | | | |
|------|---------------|---|------|-------|------|------|--|------|------|--|-------------------|--------------------|----|-----|------|------|---|--|--|
| 80°C | 1258AM | — | 1000 | 304.8 | 42.0 | 19.1 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .270 x .410 | 6.86 x 10.41 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 Sweep tested 5 MHz to 1 GHz. | | |
|------|---------------|---|------|-------|------|------|--|------|------|--|-------------------|--------------------|----|-----|------|------|---|--|--|



CoreGuard®

.051" (1.3mm) galvanized steel messenger.

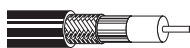
Gas-injected Foam Polyethylene Insulation • Black Low-Smoke, Zero-Halogen Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|--|--|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---|--|--|
| 75°C | 9116SB LSZH and ABS Type Approved new | NEC: CMG-LS CEC: CMG-LS FT4 Limited Smoke | 1000 | 304.8 | 31.0 | 14.1 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .274 | 6.96 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 Sweep tested 5 MHz to 3 GHz. | | |
|------|--|--|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---|--|--|



Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|---|----------------|--------------------|--------------|--------------|--|------|------|--|------|------|----|-----|------|------|--|---|---|
| 75°C | 9116P | NEC: CATVP CMP CEC: CMP FT6 | U-1000 1000 | U-304.8 U-304.8 | 27.0 27.0 | 12.3 12.3 | 18 AWG (solid) .040" 28.0Ω/M' 91.9Ω/km | .170 | 4.32 | Duobond II* + 60% Aluminum Braid 9.0Ω/M' 29.5Ω/km | .235 | 5.97 | 75 | 83% | 16.3 | 53.5 | 1 10 50 100 200 400 700 900 1000 | .3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2 | 1.0 2.2 5.3 7.2 9.8 15.1 21.7 25.3 26.9 |
|------|--------------|---|----------------|--------------------|--------------|--------------|--|------|------|--|------|------|----|-----|------|------|--|---|---|



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.

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



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

Broadband Coax

CATV Cables

Series 6

| 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 |

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II + Aluminum Braid Shield (90% Coverage)

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or Neutral)

| | | | | | | | | | | | | | | | | | | |
|------|--------------|----------------------------------|--|------------------|--------------|--------------|--|--------------|--|--|--------------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1530A | NEC: CATV CM CEC: CM | U-1000 [▲] 1000 [▲] | U-304.8 304.8 | 31.0 32.0 | 14.1 14.5 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 4.57 | | Duobond II* + 90% Aluminum Braid 5.0Ω/M' 16.4Ω/km | .270 6.86 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|--------------|----------------------------------|--|------------------|--------------|--------------|--|--------------|--|--|--------------|----|-----|------|------|---------------------------|--|--|

[▲]1000 ft. and U-1000 ft. put-ups also available in White Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | |
|------|---------------|---|------|-------|------|------|--|--------------|--|--|--------------|----|-----|------|------|--|---|---|
| 75°C | 1530AP | NEC: CATVP CMP CEC: CMP FT6 | 1000 | 304.8 | 31.0 | 14.1 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .170 4.32 | | Duobond II* + 90% Aluminum Braid 5.0Ω/M' 16.4Ω/km | .235 5.97 | 75 | 83% | 16.3 | 53.5 | 1 10 50 100 200 400 700 900 1000 | .3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2 | 1.0 2.3 5.3 7.2 9.8 15.1 21.7 25.3 26.9 |
|------|---------------|---|------|-------|------|------|--|--------------|--|--|--------------|----|-----|------|------|--|---|---|

Sweep tested 5 MHz to 1 GHz.

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | |
|------|---------------|---|------|-------|------|------|--|--------------|--|--|---|----|-----|------|------|---------------------------|--|--|
| 80°C | 1531AM | — | 1000 | 304.8 | 45.0 | 20.4 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 4.57 | | Duobond II* + 90% Aluminum Braid 5.0Ω/M' 16.4Ω/km | .270 6.86 x x .410 10.41 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|---------------|---|------|-------|------|------|--|--------------|--|--|---|----|-----|------|------|---------------------------|--|--|

.051" (1.3mm) galvanized steel messenger.

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)

| | | | | | | | | | | | | | | | | | | |
|----------------|--------------|---|------|-------|------|------|--|--------------|--|--|--------------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 1532A | — | 1000 | 304.8 | 27.0 | 12.3 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 4.57 | | Duobond II* + 90% Aluminum Braid 5.0Ω/M' 16.4Ω/km | .270 6.86 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|----------------|--------------|---|------|-------|------|------|--|--------------|--|--|--------------|----|-----|------|------|---------------------------|--|--|

CoreGuard®

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**.

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

Broadband Coax

CATV Cables

Series 6

| 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 |

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® III + Aluminum Braid Shield (60% Coverage)**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|----------------------------------|-----------------------------|------------------|--------------|--------------|--|------|------|---|-----------|-----------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9118 | NEC: CATV CM CEC: CM | U-1000 [▲] 1000 | U-304.8 304.8 | 30.0 30.0 | 13.6 13.6 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond III* + 60% Aluminum Braid 6.5Ω/M' 21.3Ω/km | .278 x | 7.06 x | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|-------------|----------------------------------|-----------------------------|------------------|--------------|--------------|--|------|------|---|-----------|-----------|----|-----|------|------|---------------------------|--|--|

▲U-1000 ft. put-up also available in Beige, White and White Neutral.

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|---|------|-------|------|------|--|------|------|---|-----------|-----------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9119M | — | 1000 | 304.8 | 43.0 | 19.5 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond III* + 60% Aluminum Braid 6.5Ω/M' 21.3Ω/km | .275 x | 6.99 x | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|--------------|---|------|-------|------|------|--|------|------|---|-----------|-----------|----|-----|------|------|---------------------------|--|--|

.051" (1.3mm) galvanized steel messenger.

.051" (1.3mm) galvanized steel messenger.

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|----------------------------------|--------|---------|------|------|--|------|------|---|------|------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1546A | NEC: CATV CM CEC: CM | U-1000 | U-304.8 | 31.0 | 14.1 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond III* + 60% Aluminum Braid 6.5Ω/M' 21.3Ω/km | .278 | 7.06 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|--------------|----------------------------------|--------|---------|------|------|--|------|------|---|------|------|----|-----|------|------|---------------------------|--|--|

CoreGuard®

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|----------------|--------------|---|------|-------|------|------|--|------|------|---|------|------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 1837A | — | 1000 | 304.8 | 26.0 | 11.8 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Duobond III* + 60% Aluminum Braid 6.5Ω/M' 21.3Ω/km | .275 | 6.99 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|----------------|--------------|---|------|-------|------|------|--|------|------|---|------|------|----|-----|------|------|---------------------------|--|--|

CoreGuard®

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Bonded Beldfoil® + Aluminum Braid Shield (50% Coverage)**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------|-------------------------------------|---|----------------|------------------|--------------|--------------|--|------|------|---|------|------|----|-----|------|------|---------------------------|--|--|
| 80°C | 5339G5 <small>new</small> | NEC: CATV, CMG CEC: CMG FT4 | U-1000 1000 | U-304.8 304.8 | 24.0 24.0 | 10.9 10.9 | 18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km | .180 | 4.57 | Bonded Beldfoil + 50% AL Braid 15.0Ω/M' 49.2Ω/km | .253 | 6.43 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|------|-------------------------------------|---|----------------|------------------|--------------|--------------|--|------|------|---|------|------|----|-----|------|------|---------------------------|--|--|

AL = Aluminum • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

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

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

Broadband Coax

CATV Cables

Series 6

| 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 |
| Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor(s) • Duobond® III + Aluminum Braid Shield (77% Coverage) | | | | | | | | | | | | | | | | | | | |
| Gas-injected Foam Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
| 80°C | 1613A | NEC: CATV CM CEC: CM | B-700 [▲] U-1000 [▲] 1000 | B-213.0 U-304.8 304.8 | 19.6 31.0 31.0 | 8.9 14.1 14.1 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond III* + 77% Aluminum Braid | .278 | 7.06 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | | | |
| *B-700 also available in White. U-1000 ft. also available in White and White Neutral. | | | | | | | | | | | | | | | | | | | |
| 80°C | 1615AM | — | 1000 | 304.8 | 44.0 | 20.0 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond III* + 77% Aluminum Braid | .275 x .416 | 6.99 x 10.57 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | | | |
| .051" (1.3mm) galvanized steel messenger. | | | | | | | | | | | | | | | | | | | |
| 80°C | 1616AM | — | 1000 | 304.8 | 45.0 | 20.4 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond III* + 77% Aluminum Braid | .275 x .416 | 6.99 x 10.57 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | | | |
| CoreGuard® .051" (1.3mm) galvanized steel messenger. | | | | | | | | | | | | | | | | | | | |
| Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange) | | | | | | | | | | | | | | | | | | | |
| Burial 80°C | 1614A | — | 1000 | 304.8 | 27.0 | 12.3 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond III* + 77% Aluminum Braid | .275 | 6.99 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | | | |
| CoreGuard® | | | | | | | | | | | | | | | | | | | |

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

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

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

Broadband Coax

CATV Cables

Series 6

| 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 |
| Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor(s) • Duobond Plus® + Aluminum Braid Shield (77% Coverage) | | | | | | | | | | | | | | | | | | | |
| Gas-injected Foam Polyethylene Insulation • Black PVC Jacket | | | | | | | | | | | | | | | | | | | |
| 80°C | 9058 | NEC: CATV CM CEC: CM | U-1000* | U-304.8 | 32.0 | 14.5 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond Plus* + 77% Aluminum Braid | .275 | 6.99 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | 1000 | 304.8 | 31.0 | 14.1 | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | Sweep tested 5 MHz to 1 GHz. | | |
| Shorting Fold | | | | | | | | | | | | | | | | | | | |
| *U-1000 ft. put-up also available in White or Beige. | | | | | | | | | | | | | | | | | | | |
| Aerial 80°C | 9059M <small>new</small> | — | 1000 | 304.8 | 43.0 | 19.5 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond Plus* + 77% Aluminum Braid | .275 x .416 | 6.99 x 10.57 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | Sweep tested 5 MHz to 1 GHz. | | |
| Shorting Fold CoreGuard® | | | | | | | | | | | | | | | | | | | |
| .051" (1.3mm) galvanized steel messenger. | | | | | | | | | | | | | | | | | | | |
| 80°C | 1260AM | — | 1000 | 304.8 | 44.0 | 20.0 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond Plus* + 77% Aluminum Braid | .275 x .416 | 6.99 x 10.57 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | Sweep tested 5 MHz to 1 GHz. | | |
| Shorting Fold CoreGuard | | | | | | | | | | | | | | | | | | | |
| .051" (1.3mm) galvanized steel messenger. | | | | | | | | | | | | | | | | | | | |
| Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or Orange) | | | | | | | | | | | | | | | | | | | |
| Burial 80°C | 9062 | — | 1000 | 304.8 | 27.0 | 12.3 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond Plus* + 77% Aluminum Braid | .275 | 6.99 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 5.6Ω/M' 18.4Ω/km | | | | | | | Sweep tested 5 MHz to 1 GHz. | | |
| Shorting Fold CoreGuard | | | | | | | | | | | | | | | | | | | |

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

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

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

Broadband Coax

CATV Cables

Series 6

| 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 |

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® IV Quad Shield (60% and 40% Coverage)

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|---------------|---|------|-------|------|------|----------------------------|------|------|--|-------------------|--------------------|----|-----|------------------------------|------|---------------------------|--|--|
| 80°C | 1191AM | — | 1000 | 304.8 | 46.0 | 20.9 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond IV* 60% & 40% Aluminum Braids | .298 x .433 | 7.57 x 11.00 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 4.8Ω/M' 15.7Ω/km | | | | | Sweep tested 5 MHz to 1 GHz. | | | | |

.051" (1.3mm) galvanized steel messenger.

| | | | | | | | | | | | | | | | | | | | |
|------|------------------------------------|--|----------------|------------------|--------------|--------------|----------------------------|------|------|--|-------------------|--------------------|----|-----|------------------------------|------|---|--|--|
| 80°C | 1322R <small>NEW</small> | NEC: CATVR, CMR CEC: CMG FT4 | U-1000 1000 | U-304.8 304.8 | 41.0 35.0 | 18.6 15.9 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond IV* 60% & 40% Aluminum Braids | .298 x .433 | 7.57 x 11.00 | 75 | 83% | 16.2 | 53.1 | 5 55 500 750 1000 1450 1800 3000 | .5 1.4 4.1 5.1 6.0 7.4 8.3 10.5 | 1.6 4.6 13.5 16.7 19.7 24.3 27.2 34.5 |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 4.8Ω/M' 15.7Ω/km | | | | | Sweep tested 5 MHz to 3 GHz. | | | | |

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or White)

| | | | | | | | | | | | | | | | | | | | |
|------|--------------|----------------------------------|-----------------|--------------------|--------------|-------------|----------------------------|------|------|--|-------------------|--------------------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1189A | NEC: CATV CM CEC: CM | U-500 U-1000 | U-152.4 U-304.8 | 18.0 35.0 | 8.2 15.9 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond IV* 60% & 40% Aluminum Braids | .298 x .433 | 7.57 x 11.00 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 4.8Ω/M' 15.7Ω/km | | | | | | | | | |

*1000 ft. put-up also available in Beige or White Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|---------------|---|------|-------|------|------|----------------------------|------|------|--|-------------------|--------------------|----|-----|------------------------------|------|--|---|---|
| 75°C | 1189AP | NEC: CATVP CMP CEC: CMP FT6 | 1000 | 304.8 | 32.0 | 14.5 | 18 AWG (solid) .040" | .170 | 4.32 | Duobond IV* 60% & 40% Aluminum Braids | .248 x .433 | 6.30 x 11.00 | 75 | 83% | 16.3 | 53.5 | 1 10 50 100 200 400 700 900 1000 | .3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2 | 1.0 2.2 5.3 7.2 9.8 15.1 21.7 25.3 26.9 |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 4.8Ω/M' 15.7Ω/km | | | | | Sweep tested 5 MHz to 1 GHz. | | | | |

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**.

*Duobond IV = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage) + aluminum braid (46% coverage).

Broadband Coax

CATV Cables

Series 6

| 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 |

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® IV Quad Shield (60% and 40% Coverage)

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket with CoreGuard® (Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|---|------|-------|------|------|----------------------------|------|------|--|------|------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 1190A | — | 1000 | 304.8 | 31.0 | 14.1 | 18 AWG (solid) .040" | .180 | 4.57 | Duobond IV* 60% + 40% Aluminum Braids | .298 | 7.57 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 28.0Ω/M' 91.9Ω/km | | | 4.8Ω/M' 15.7Ω/km | | | | | | | | | |



CoreGuard®

Series 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duofoil® (100% Coverage) + TC Braid Shield (95% Coverage)

Plenum • Foam FEP Insulation • Black FEP Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------|-------|---------|------|-------|------|----------|----------------------------|------|---------|----------------------|------|------|----|-----|------|------|------|-----|------|
| 200°C | 89120 | NEC: | 500 | 152.4 | 21.5 | 9.8 | 18 AWG (solid) .040" | .170 | 4.32 | Duofoil 95% TC | .234 | 5.94 | 75 | 82% | 16.5 | 54.1 | 1 | .3 | 1.0 |
| | | CATVP | 1000 | 304.8 | 46.0 | 20.9 | BCCS | | | Braid | | | | | | | | 10 | .7 |
| | | CMP | | | | 28.0Ω/M' | | | 1.7Ω/M' | | | | | | | | 50 | 1.6 | 5.3 |
| | | CEC: | | | | 91.9Ω/km | | | 5.6Ω/km | | | | | | | | 100 | 2.2 | 7.2 |
| | | CMP FT6 | | | | | | | | | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.6 | 15.1 |
| | | | | | | | | | | | | | | | | | 700 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 900 | 7.7 | 25.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.2 | 26.9 |



Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------|-------|---------------------|------|-------|------|----------|----------------------------|------|---------|----------------------|------|------|----|-----|------|------|------|-----|------|
| 150°C | 87120 | NEC: | 500 | 152.4 | 20.5 | 9.3 | 18 AWG (solid) .040" | .170 | 4.32 | Duofoil 95% TC | .234 | 5.94 | 75 | 82% | 16.5 | 54.1 | 1 | .3 | 1.0 |
| | | CATVP | 1000 | 304.8 | 45.0 | 20.4 | BCCS | | | Braid | | | | | | | | 10 | .7 |
| | | CMP | | | | 28.0Ω/M' | | | 1.7Ω/M' | | | | | | | | 50 | 1.6 | 5.3 |
| | | CEC: | | | | 91.9Ω/km | | | 5.6Ω/km | | | | | | | | 100 | 2.2 | 7.2 |
| | | CMP FT6, CXC FT4 | | | | | | | | | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.6 | 15.1 |
| | | | | | | | | | | | | | | | | | 700 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 900 | 7.7 | 25.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.2 | 26.9 |



Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

| | | | | | | | | | | | | | | | | | | | |
|------|-------|---------|------|-------|------|----------|----------------------------|------|---------|----------------------|------|------|----|-----|------|------|------|-----|------|
| 75°C | 82120 | NEC: | 1000 | 304.8 | 44.0 | 20.0 | 18 AWG (solid) .040" | .170 | 4.32 | Duofoil 95% TC | .234 | 5.94 | 75 | 82% | 16.5 | 54.1 | 1 | .3 | 1.0 |
| | | CATVP | | | | | BCCS | | | Braid | | | | | | | | 10 | .7 |
| | | CMP | | | | 28.0Ω/M' | | | 1.7Ω/M' | | | | | | | | 50 | 1.6 | 5.3 |
| | | CEC: | | | | 91.9Ω/km | | | 5.6Ω/km | | | | | | | | 100 | 2.2 | 7.2 |
| | | CMP FT6 | | | | | | | | | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.6 | 15.1 |
| | | | | | | | | | | | | | | | | | 700 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 900 | 7.7 | 25.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.2 | 26.9 |



Series 6 • 18 AWG Solid .040" BCCS Conductor • Duofoil (100% Coverage) + TC Braid Shield (60% and 40% Coverage)

Plenum • Foam FEP Insulation • Snow Beige FEP Jacket

| | | | | | | | | | | | | | | | | | | | |
|-------|-------|---------|------|-------|------|----------|----------------------------|------|---------|------------------------|------|------|----|-----|------|------|------|-----|------|
| 200°C | 1152A | NEC: | 500 | 152.4 | 27.5 | 12.5 | 18 AWG (solid) .040" | .170 | 4.32 | (2) Duofoil Shields | .273 | 6.93 | 75 | 82% | 16.5 | 54.1 | 1 | .3 | 1.0 |
| | | CATVP | 1000 | 304.8 | 53.0 | 24.1 | BCCS | | | + (2) TC Braids | | | | | | | | 10 | .7 |
| | | CMP | | | | 28.0Ω/M' | | | 1.8Ω/M' | | | | | | | | 50 | 1.6 | 5.3 |
| | | CEC: | | | | 91.9Ω/km | | | 5.9Ω/km | | | | | | | | 100 | 2.2 | 7.2 |
| | | CMP FT6 | | | | | | | | | | | | | | | 200 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 400 | 4.6 | 15.1 |
| | | | | | | | | | | | | | | | | | 700 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 900 | 7.7 | 25.3 |
| | | | | | | | | | | | | | | | | | 1000 | 8.2 | 26.9 |



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

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

*Duobond IV = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage) + aluminum braid (46% coverage).

Broadband Coax

CATV Cables

Series 11

| 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 |

Series 11 • 14 AWG Solid .064" BCCS Conductor • Duofoil® (100% Coverage) + Aluminum Braid Shield (40% Coverage)**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|---|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9011 | — | 1000 | 304.8 | 66.0 | 29.9 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duofoil + 40% Aluminum Braid 5.3Ω/M' 17.4Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

**Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® II + Aluminum Braid Shield (60% Coverage)****Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------|----------------------------------|-------------------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1523A | NEC: CATV CM CEC: CM | 1000 [▲] | 304.8 | 67.0 | 30.4 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

[▲]1000 ft. put-up also available in White.

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------|---|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1523AN | — | 1000 | 304.8 | 68.0 | 30.9 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------|-------------------------------------|-------------|----------------|--------------|--------------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1523R | NEC: CATVR CMR CEC: CMR | 500 1000 | 152.4 304.8 | 35.0 70.0 | 15.9 31.8 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------|---|------|-------|------|------|--|------|------|--|-------------------|---------------------|----|-----|------|------|---------------------------|--|--|
| Aerial 80°C | 1524AM | — | 1000 | 304.8 | 90.0 | 40.8 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km | .400 x .580 | 10.16 x 14.73 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

.072" (1.83mm) galvanized steel messenger.

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Available in Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------|---|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 1525A | — | 1000 | 304.8 | 60.0 | 27.3 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

CoreGuard®

Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------|-------------------------------------|------|-------|------|------|--|------|------|--|------|------|----|-----|------|------|--|---|--|
| 150°C | 1523AP | NEC: CATVP CMP CEC: CMP | 1000 | 304.8 | 62.0 | 28.2 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .274 | 6.96 | Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km | .348 | 8.84 | 75 | 83% | 16.3 | 53.5 | 1 10 50 100 200 400 700 900 1000 | 2 4 1.0 1.4 2.3 3.7 5.3 6.4 6.9 | .6 1.3 3.3 4.6 7.5 12.1 17.4 21.0 22.6 |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

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**.

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

Broadband Coax

CATV Cables

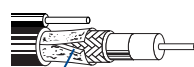
Series 11

| 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 |

Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond Plus® + Aluminum Braid Shield (77% Coverage)**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|---|-------------|-------------------------------|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| 80°C | 9064 | NEC: CATV CM CEC: CM | 1000 | 304.8 | 68.0 | 30.9 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond Plus* + 77% Aluminum Braid 3.8Ω/M' 12.5Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|  | | | | | | | | | | | | | | | | | | | |
| Shorting Fold | | | | | | | | | | | | | | | | | | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |


| | | | | | | | | | | | | | | | | | | | |
|----------------|--------------|---|------|-------|------|------|--|------|------|--|-------------------|---------------------|----|-----|------|------|---------------------------|--|--|
| Aerial 80°C | 9065M | — | 1000 | 304.8 | 86.0 | 39.0 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond Plus* + 77% Aluminum Braid 3.8Ω/M' 12.5Ω/km | .400 x .580 | 10.16 x 14.73 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|----------------|--------------|---|------|-------|------|------|--|------|------|--|-------------------|---------------------|----|-----|------|------|---------------------------|--|--|




Shorting Fold

.072" (1.8mm) galvanized steel messenger.


Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 9764 | — | 1000 | 304.8 | 60.0 | 27.2 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond Plus* + 77% Aluminum Braid 3.8Ω/M' 12.5Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|  | | | | | | | | | | | | | | | | | | | |
| Shorting Fold | | | | | | | | | | | | | | | | | | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® III + Aluminum Braid Shield (77% Coverage)**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|---|------|-------|------|------|--|------|------|---|-------------------|---------------------|----|-----|------|------|---------------------------|--|--|
| Aerial 80°C | 7983A <small>new</small> | — | 1000 | 304.8 | 89.0 | 40.4 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond III* + 77% Aluminum Braid 4.0Ω/M' 13.1Ω/km | .400 x .580 | 10.16 x 14.73 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|  | | | | | | | | | | | | | | | | | | | |
| CoreGuard® | | | | | | | | | | | | | | | | | | | |
| .072" (1.8mm) galvanized steel messenger. | | | | | | | | | | | | | | | | | | | |

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|---|------|-------|------|------|--|------|------|---|------|-------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 7984A <small>new</small> | — | 1000 | 304.8 | 57.0 | 25.9 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond III* + 77% Aluminum Braid 4.0Ω/M' 13.1Ω/km | .400 | 10.16 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
|  | | | | | | | | | | | | | | | | | | | |
| CoreGuard | | | | | | | | | | | | | | | | | | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |

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

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

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

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

Broadband Coax

CATV Cables

Series 11


| 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 |

Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® IV Quad Shield (60% and 40% Coverage)**Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------|----------------------------------|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1617A | NEC: CATV CM CEC: CM | 1000 | 304.8 | 67.0 | 30.5 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km | .407 | 10.34 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |




| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------|---|------|-------|------|------|--|------|------|--|-------------------|---------------------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1619AM | — | 1000 | 304.8 | 84.0 | 38.2 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km | .407 x .560 | 10.34 x 14.22 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |



.072" (1.8mm) galvanized steel messenger.

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------|---|------|-------|------|------|--|------|------|--|-------------------|---------------------|----|-----|------|------|---------------------------|--|--|
| 80°C | 1620AM | — | 1000 | 304.8 | 87.0 | 39.5 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km | .407 x .560 | 10.34 x 14.22 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |




CoreGuard®

.072" (1.8mm) galvanized steel messenger.

Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------|---|------|-------|------|------|--|------|------|--|------|-------|----|-----|------|------|---------------------------|--|--|
| Burial 80°C | 1618A | — | 1000 | 304.8 | 61.0 | 27.7 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km | .407 | 10.34 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| Sweep tested 5 MHz to 1 GHz. | | | | | | | | | | | | | | | | | | | |



CoreGuard®

Series 11 • 14 AWG Solid .064" BCCS Conductors • Duofoil® (100% Coverage) + TC Braid Shields (60% and 40% Coverage)**Plenum • Foam FEP Teflon Insulation • Snow Beige FEP Jacket**

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------|-------------------------------------|-----|-------|------|------|--|------|------|--|------|------|----|-----|------|------|---|----|----|
| 200°C | 1153A | NEC: CMP CL2P CEC: CMP FT6 | 500 | 152.4 | 52.5 | 23.9 | 14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | .280 | 7.11 | (2) Duofoil Shields + (2) TC BCCS 1.8Ω/M' 5.9Ω/km | .387 | 9.83 | 75 | 82% | 16.2 | 53.1 | 1 | .2 | .7 |
| Sweep tested 5 MHz to 400 MHz. | | | | | | | | | | | | | | | | | | | |
| 10 4 1.3 | | | | | | | | | | | | | | | | | | | |
| 50 1.2 3.9 | | | | | | | | | | | | | | | | | | | |
| 100 1.7 5.6 | | | | | | | | | | | | | | | | | | | |
| 200 2.5 8.2 | | | | | | | | | | | | | | | | | | | |
| 400 3.5 11.5 | | | | | | | | | | | | | | | | | | | |
| 700 4.6 15.1 | | | | | | | | | | | | | | | | | | | |
| 900 5.3 17.4 | | | | | | | | | | | | | | | | | | | |
| 1000 5.6 18.4 | | | | | | | | | | | | | | | | | | | |



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

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

* Duobond IV = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage) + aluminum braid (46% coverage).

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**

Broadband Coax

Headend/Video Cables

| 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-59/U Type • 20 AWG Solid .032" SPCCS Conductor • Duobond Plus® + Aluminum Braid Shield (95% Coverage)

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in 13 colors)*

| | | | | | | | | | | | | | | | | | | | |
|------|-------------|---|------|-------|------|------|----------------------------|------|------|---|------|------|----|-----|------------------------------|------|---------------------------|--|--|
| 80°C | 9167 | NEC: CATVR CMR CEC: CMG FT4 | 1000 | 304.8 | 27.0 | 12.3 | 20 AWG (solid) .032" | .144 | 3.66 | Duobond Plus* + 95% Aluminum Braid | .242 | 6.15 | 75 | 83% | 16.2 | 53.1 | See Chart on page 6.92 | | |
| | | | | | | | 25.8Ω/M' | | | 4.5Ω/M' | | | | | Sweep tested 5 MHz to 1 GHz. | | | | |
| | | | | | | | 84.6Ω/km | | | 14.8Ω/km | | | | | | | | | |

*Available in Black, Gray, White, Red, Blue, Yellow, Brown, Orange, Green, Purple, Beige, Pink or Aqua.

RG-59/U Type • 20 AWG Solid .032" Bare Copper • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)**

| | | | | | | | | | | | | | | | | | | | |
|---------------|--------------|-----------------|-------------------|--------|-------|------|-------------------|------|------|------------------|------|------|----|-----|------|------|------|------|------|
| SDI/HDTV | 1505A | NEC: | 500 [▲] | 152.4 | 15.5 | 7.0 | 20 AWG (solid) | .145 | 3.68 | Duofoil + 95% | .233 | 5.92 | 75 | 83% | 16.3 | 53.5 | 1 | .3 | 1.0 |
| Digital Video | | CMR | 1000 | 304.8 | 35.0 | 16.4 | .032" | | | TC Braid | | | | | | | 3.6 | .6 | 1.8 |
| 75°C | | CEC: CMG FT4 | 5000 [•] | 1524.0 | 165.0 | 74.8 | BC | | | 3.8Ω/M' | | | | | | | 5 | .6 | 2.1 |
| | | | | | | | 10.0Ω/M' | | | 12.5Ω/km | | | | | | | 7 | .7 | 2.4 |
| | | | | | | | 32.8Ω/km | | | | | | | | | | 10 | .9 | 2.9 |
| | | | | | | | | | | | | | | | | | 67.5 | 2.1 | 6.7 |
| | | | | | | | | | | | | | | | | | 71.5 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 88.5 | 2.2 | 7.2 |
| | | | | | | | | | | | | | | | | | 100 | 2.3 | 7.6 |
| | | | | | | | | | | | | | | | | | 135 | 2.7 | 8.9 |
| | | | | | | | | | | | | | | | | | 143 | 2.8 | 9.2 |
| | | | | | | | | | | | | | | | | | 180 | 3.1 | 10.2 |
| | | | | | | | | | | | | | | | | | 270 | 3.8 | 12.5 |
| | | | | | | | | | | | | | | | | | 360 | 4.4 | 14.4 |
| | | | | | | | | | | | | | | | | | 540 | 5.5 | 18.0 |
| | | | | | | | | | | | | | | | | | 720 | 6.4 | 21.0 |
| | | | | | | | | | | | | | | | | | 750 | 6.5 | 21.3 |
| | | | | | | | | | | | | | | | | | 1000 | 7.6 | 24.9 |
| | | | | | | | | | | | | | | | | | 1500 | 9.3 | 30.5 |
| | | | | | | | | | | | | | | | | | 2000 | 10.9 | 30.5 |
| | | | | | | | | | | | | | | | | | 2250 | 11.6 | 38.0 |
| | | | | | | | | | | | | | | | | | 3000 | 13.4 | 44.0 |

▲500 ft. put-up available in Black, Red or Blue only.

•5000 ft. put-up may vary -0% to 10%.

**1000 ft. and 5000 ft. put-ups available in all ten colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray or White.

For Plenum version of 1505A,
see 1506A.

Also available in bundled versions.
See 7794A through 7798A.

RG-59/U Type • 22 AWG Stranded (7x29) .031" Bare Compacted Copper Conductor[†] • TC/BC Double Braid Shield (95% Coverage)

Gas-injected Foam HDPE Insulation • PVC Jacket (Matte Black, Red, Green, Blue, Yellow, White, Purple or Orange)

| | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|------|------|-------|------|------|------------------|------|------|------------------------|------|------|----|-----|------|------|------|------|------|
| High-Flex | 1505F | NEC: | 1000 | 304.8 | 45.0 | 20.4 | 22 AWG (7x29) | .145 | 3.68 | TC Double Braid | .242 | 6.15 | 75 | 80% | 17.0 | 55.7 | 1 | .2 | .7 |
| SDI/HDTV | | CM | | | | | .031" | | | 94% Shield Coverage | | | | | | | 3.6 | .5 | 1.6 |
| Video Patch | | CEC: | | | | | BCC | | | 2.4Ω/M' | | | | | | | 5 | .6 | 2.0 |
| 75°C | | CM | | | | | 12.2Ω/M' | | | 7.8Ω/km | | | | | | | 7 | .7 | 2.4 |
| | | | | | | | 40.0Ω/km | | | | | | | | | | 10 | .9 | 2.9 |
| | | | | | | | | | | | | | | | | | 67.5 | 2.4 | 7.9 |
| | | | | | | | | | | | | | | | | | 71.5 | 2.5 | 8.2 |
| | | | | | | | | | | | | | | | | | 88.5 | 2.8 | 9.2 |
| | | | | | | | | | | | | | | | | | 100 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 135 | 3.5 | 11.5 |
| | | | | | | | | | | | | | | | | | 143 | 3.6 | 11.8 |
| | | | | | | | | | | | | | | | | | 180 | 4.1 | 13.5 |
| | | | | | | | | | | | | | | | | | 270 | 5.1 | 16.7 |
| | | | | | | | | | | | | | | | | | 360 | 6.0 | 19.7 |
| | | | | | | | | | | | | | | | | | 540 | 7.4 | 24.3 |
| | | | | | | | | | | | | | | | | | 720 | 8.7 | 28.5 |
| | | | | | | | | | | | | | | | | | 750 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 1000 | 10.5 | 34.4 |
| | | | | | | | | | | | | | | | | | 1500 | 13.3 | 43.6 |
| | | | | | | | | | | | | | | | | | 2000 | 15.7 | 51.5 |
| | | | | | | | | | | | | | | | | | 2250 | 16.9 | 55.4 |
| | | | | | | | | | | | | | | | | | 3000 | 20.3 | 66.6 |

[†]Compacted conductor combines impedance uniformity of solid conductors and "nick-resistance" of stranded conductor.



BC = Bare Copper • BCC = Bare Compacted Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • SPCCS = Silver-plated, Copper-covered Steel • 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 Plus = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage) + shorting fold.

Broadband Coax

Headend/Video Cables

| 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-59/U Type • 20 AWG Solid .031" Bare Copper Conductor • Tinned Copper/Bare Copper Double Braid Shield (98% Coverage) | | | | | | | | | | | | | | | | | | | |
| Polyethylene Insulation • Polyethylene Jacket (Available in Red, Yellow, Green, Light Blue, White, Orange or Black) | | | | | | | | | | | | | | | | | | | |
| 80°C | 8281 | — | 500 [▲] | 152.4 | 37.5 | 17.0 | 20 AWG (solid) | .198 | 5.03 | TC Double Braid | .305 | 7.75 | 75 | 66% | 21.0 | 68.9 | 1 | .3 | 1.0 |
|  | | | 1000 | 304.8 | 74.0 | 33.6 | .031" | | | 98% Shield Coverage | | | | | | | 3.6 | .5 | 1.6 |
| | | | | | | | BC | | | | | | | | | | 10.0 | .8 | 2.6 |
| | | | | | | | 9.9Ω/M' | | | | | | | | | | 71.5 | 2.1 | 6.9 |
| | | | | | | | 32.5Ω/km | | | | | | | | | | 135 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 270 | 4.3 | 14.1 |
| | | | | | | | | | | | | | | | | | 360 | 5.1 | 16.7 |
| | | | | | | | | | | | | | | | | | 540 | 6.3 | 20.7 |
| | | | | | | | | | | | | | | | | | 720 | 7.4 | 24.3 |
| | | | | | | | | | | | | | | | | | 750 | 7.6 | 24.9 |
| | | | | | | | | | | | | | | | | | 1000 | 9.2 | 30.2 |
| *500 ft. put-up not available in White. Max operating voltage — Non UL 2900V RMS | | | | | | | | | | | | | | | | | | | |
| Flame-retardant Semi-foam Polyethylene Insulation • PVC Jacket (Available in 9 colors)* | | | | | | | | | | | | | | | | | | | |
| UL AWM Style 1354 (30V 80°C) | 8281B | NEC: CMR CEC: CMG FT4 | 1000 | 304.8 | 84.0 | 38.1 | 20 AWG (solid) | .198 | 5.03 | TC Double Braid | .305 | 7.75 | 75 | 66% | 21.0 | 68.9 | 1 | .3 | 1.0 |
|  | | | | | | | .031" | | | 98% Shield Coverage | | | | | | | 3.6 | .5 | 1.6 |
| | | | | | | | BC | | | | | | | | | | 10.0 | .8 | 2.6 |
| | | | | | | | 9.9Ω/M' | | | | | | | | | | 71.5 | 2.1 | 6.9 |
| | | | | | | | 32.5Ω/km | | | | | | | | | | 135 | 3.0 | 9.8 |
| | | | | | | | | | | | | | | | | | 270 | 4.4 | 14.4 |
| | | | | | | | | | | | | | | | | | 360 | 5.1 | 16.7 |
| | | | | | | | | | | | | | | | | | 540 | 6.6 | 21.7 |
| | | | | | | | | | | | | | | | | | 720 | 7.8 | 25.6 |
| | | | | | | | | | | | | | | | | | 750 | 8.0 | 26.2 |
| | | | | | | | | | | | | | | | | | 1000 | 10.2 | 33.5 |
| *8281B available in Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black. | | | | | | | | | | | | | | | | | | | |

22 AWG Stranded (7x29) .031" Bare Compacted Copper Conductor* • Tinned Copper/Bare Copper Double Braid Shield (98% Coverage)

| Polyethylene Insulation • PVC Jacket (Matte Red, Blue, Green, Gray or Black) | | | | | | | | | | | | | | | | | | | |
|---|--------------|---|------------------|-------|------|------|---------------|------|------|---------------------|------|------|----|-----|------|------|------|------|------|
| High-Flex 60°C | 8281F | — | 500 [▲] | 152.4 | 34.5 | 15.7 | 22 AWG (7x29) | .198 | 5.03 | TC Double Braid | .305 | 7.75 | 75 | 66% | 21.0 | 68.9 | 1 | .3 | .9 |
|  | | | 1000 | 304.8 | 67.0 | 30.4 | .031" | | | 98% Shield Coverage | | | | | | | 3.6 | .5 | 1.7 |
| | | | | | | | BCC | | | | | | | | | | 10.0 | .9 | 3.0 |
| | | | | | | | 12.2Ω/M' | | | | | | | | | | 71.5 | 2.5 | 8.2 |
| | | | | | | | 40.0Ω/km | | | | | | | | | | 135 | 3.6 | 11.8 |
| | | | | | | | | | | | | | | | | | 270 | 5.1 | 16.7 |
| | | | | | | | | | | | | | | | | | 360 | 6.0 | 19.7 |
| | | | | | | | | | | | | | | | | | 540 | 7.4 | 24.3 |
| | | | | | | | | | | | | | | | | | 720 | 8.7 | 28.5 |
| | | | | | | | | | | | | | | | | | 750 | 8.9 | 29.2 |
| | | | | | | | | | | | | | | | | | 1000 | 10.5 | 34.5 |

*500 ft. put-up available in Black only.

Max operating voltage — Non UL 2900V RMS

*Compacted conductor combines impedance uniformity of solid conductors and "nick-resistance" of stranded conductor.

BC = Bare Copper • BCC = Bare Compacted Copper • DCR = DC Resistance • SPC = Silver-plated Copper • SPCCS = Silver-plated, Copper-covered Steel • 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.