

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.	dB/100m

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% Aluminum Braid	.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"												
			1000	304.8	24.0	10.9	BCCS 44.5Ω/M' 146.0Ω/km												

Sweep tested 5 MHz to 550 MHz.

[▲]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% Aluminum Braid	.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"												
			1000	304.8	24.0	10.9	BCCS 44.5Ω/M' 146.0Ω/km												

Sweep tested 5 MHz to 1 GHz.

[▲]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 • Duobond® + Aluminum Braid(s) Shield (67% Coverage)

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C	9104	NEC: CATV CM CEC: CM	U-1000 ▲ 1000 ▲	U-304.8 304.8	24.0 24.0	10.9 10.9	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.144	3.66	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.237	6.02	75	83%	16.2	53.1	See Chart on page 6.92		
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▲U-1000 ft. put-ups also available in Beige and White.
1000 ft. put-up available in Black only.

80°C	9104N	—	1000 *	304.8	24.0	10.9	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.144	3.66	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.237	6.02	75	83%	16.2	53.1	See Chart on page 6.92		
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*1000 ft. put-up also available in White.

Plenum • Foam FEP Teflon® Insulation • Natural Flamarrest® Jacket

75°C	9104P	NEC: CATV CMP CEC: CMP	1000 †	304.8	24.0	10.9	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.140	3.56	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.203	5.16	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.4 .8 1.8 2.6 3.8 5.6 7.6 8.8 9.4	1.3 2.6 5.9 8.5 12.5 18.4 24.9 28.9 30.8
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Sweep tested 5 MHz to 1 GHz.

Gas-injected Foam High-Density Polyethylene Insulation • Black PVC Jacket

Aerial 80°C	9105M new		1000	304.8	38.0	17.3	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.144	3.66	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.240 x .387	6.10 x 9.83	75	83%	16.2	53.1	See Chart on page 6.92		
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Sweep tested 5 MHz to 1 GHz.

80°C	9110	NEC: CATV CM CEC: CM	U-1000 ▲	U-304.8	24.0	10.9	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.144	3.66	Duobond III* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.242	6.15	75	83%	16.2	53.1	See Chart on page 6.92		
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Sweep tested 5 MHz to 1 GHz.

▲U-1000 ft. put-up available in White only.

80°C	1186A	NEC: CATV CM CEC: CM	1000	304.8	27.0	12.3	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.144	3.66	Duobond IV* + 67% & 46% Aluminum Braids 7.0Ω/M' 23.0Ω/km	.265	6.73	75	83%	16.2	53.1	See Chart on page 6.92		
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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).

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

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

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Teflon is a DuPont trademark.

BELDEN

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

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

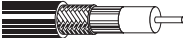
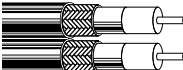
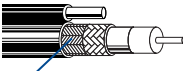
[†]Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Teflon is a DuPont trademark.

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. of Prop. (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)																			
Burial 80°C	9066	—	1000	304.8	26.0	11.8	18 AWG (solid) .040" BCCS 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-304.8 304.8	15.0 16.0 18.2 30.0 31.0	6.8 7.3 8.3 13.6 14.1	18 AWG (solid) .040" BCCS 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-304.8 304.8	33.0 34.0	15.0 15.4	18 AWG (solid) .040" BCCS 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" BCCS 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.												
80°C	9077	NEC: CATV CM CEC: CM	1000	304.8	64.0	29.1	18 AWG (solid) .040" BCCS 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" BCCS 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" BCCS 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.												
.051" (1.3mm) galvanized steel messenger.																			
Gas-injected Foam Polyethylene Insulation • Black Low-Smoke, Zero-Halogen Jacket																			
LSZH and ABS Type Approved 75°C	9116SB new	NEC: CMG-LS CEC: CMG-LS FT4 Limited Smoke	1000	304.8	31.0	14.1	18 AWG (solid) .040" BCCS 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-304.8 304.8	27.0 27.0	12.3 12.3	18 AWG (solid) .040" BCCS 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).

Broadband Coax

CATV Cables

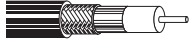
Series 6

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

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

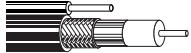
75°C	1530AP	NEC: CATV CMP CEC: CMP FT6	1000	304.8	31.0	14.1	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.170	4.32	Duobond II* + 90% Aluminum Braid 5.0Ω/M' 16.4Ω/km	.235	5.97	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.3 5.3 7.2 9.8 15.1 21.7 25.3 26.9
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Sweep 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 x .410	6.86 x 10.41	75	83%	16.2	53.1	See Chart on page 6.92		
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.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		
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CoreGuard®

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 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 13.6	30.0 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 .416	7.06 x 10.57	75	83%	16.2	53.1	See Chart on page 6.92		
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▲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 .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.92		
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.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		
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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		
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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 new	NEC: CATV, CMG CEC: CMG FT4	U-1000 1000	U-304.8 304.8	24.0 10.9	24.0 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		
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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).

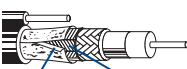
Series 6

*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 • 1000	U-304.8 304.8	32.0 31.0	14.5 14.1	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond Plus* + 77% Aluminum Braid 5.6Ω/M' 18.4Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.92		
			Shorting Fold																
•U-1000 ft. put-up also available in White or Beige.																			
Aerial 80°C	9059M new	—	1000	304.8	43.0	19.5	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond Plus* + 77% Aluminum Braid 5.6Ω/M' 18.4Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.92		
			Shorting Fold CoreGuard®																
.051" (1.3mm) galvanized steel messenger.																			
80°C	1260AM	—	1000	304.8	44.0	20.0	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond Plus* + 77% Aluminum Braid 5.6Ω/M' 18.4Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.92		
			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" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond Plus* + 77% Aluminum Braid 5.6Ω/M' 18.4Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.92		
			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

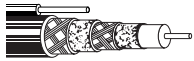
Series 6

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" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond IV* 60% & 40% Aluminum Braids 4.8Ω/M' 15.7Ω/km	.298 x .433	7.57 x 11.00	75	83%	16.2	53.1	See Chart on page 6.92	
																		Sweep tested 5 MHz to 1 GHz.



.051" (1.3mm) galvanized steel messenger.

80°C	1322R NEW	NEC: U-1000 U-304.8 41.0 18.6 18 AWG .180 4.57 Duobond IV* .298 7.57 75 83% 16.2 53.1 5 .5 1.6	CATVR, 1000 304.8 35.0 15.9 (solid) 55 1.4 4.6	CMR .040" 500 4.1 13.5	CEC: BCCS 750 5.1 16.7	CMG FT4 28.0Ω/M' 1000 6.0 19.7	91.9Ω/km 1450 7.4 24.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in Black or White)

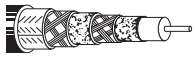
80°C	1189A	NEC: CATV CM CEC: CM	U-500 U-1000 1000 ▲	U-152.4 U-304.8 304.8	18.0 35.0 35.0	8.2 15.9 15.9	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond IV* 60% & 40% Aluminum Braids 4.8Ω/M' 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	See Chart on page 6.92		
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▲1000 ft. put-up also available in Beige or White Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

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

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 **1190A** — 1000 304.8 31.0 14.1 18 AWG .180 4.57 Duobond IV* .298 7.57 75 83% 16.2 53.1 See Chart on page 6.92
80°C (solid) 60% + 40% Aluminum Braids 4.8Ω/M' 15.7Ω/km
BCCS 28.0Ω/M' 91.9Ω/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 .170 4.32 Duofoil .234 5.94 75 82% 16.5 54.1 1 .3 1.0
CATVP 1000 304.8 46.0 20.9 (solid) 95% 10 .7 2.2
CMP .040" TC 50 1.6 5.3
CEC: BCCS 100 2.2 7.2
CMP FT6 28.0Ω/M' 1.7Ω/M' 200 3.0 9.8
91.9Ω/km 5.6Ω/km 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 .170 4.32 Duofoil .234 5.94 75 82% 16.5 54.1 1 .3 1.0
CATVP 1000 304.8 45.0 20.4 (solid) 95% 10 .7 2.2
CMP .040" TC 50 1.6 5.3
CEC: BCCS 100 2.2 7.2
CMP FT6, 28.0Ω/M' 1.7Ω/M' 200 3.0 9.8
CXC FT4 91.9Ω/km 5.6Ω/km 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 .170 4.32 Duofoil .234 5.94 75 82% 16.5 54.1 1 .3 1.0
CATVP (solid) 95% 10 .7 2.2
CMP .040" TC 50 1.6 5.3
CEC: BCCS 100 2.2 7.2
CMP FT6 28.0Ω/M' 1.7Ω/M' 200 3.0 9.8
91.9Ω/km 5.6Ω/km 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 .170 4.32 (2) Duofoil .273 6.93 75 82% 16.5 54.1 1 .3 1.0
CMP 1000 304.8 53.0 24.1 (solid) Shields 10 .7 2.2
CEC: .040" + (2) TC 50 1.6 5.3
CMP FT6 BCCS 100 2.2 7.2
28.0Ω/M' 1.8Ω/M' 200 3.0 9.8
91.9Ω/km 5.9Ω/km 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.

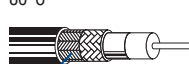
80°C	1523AN	—	1000	304.8	68.0	30.9	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92
			Sweep tested 5 MHz to 1 GHz.														

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

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.														

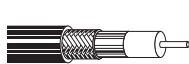
.072" (1.83mm) galvanized steel messenger.

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

.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
			Sweep tested 5 MHz to 1 GHz.														
Shorting Fold																	

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 new	—	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 new	—	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
			Sweep tested 5 MHz to 1 GHz.														
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.

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

Broadband Coax

CATV Cables

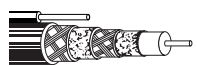
Series 11

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

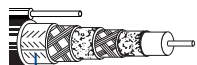
Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® IV Quad Shield (60% and 40% Coverage)

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

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

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:	500	152.4	52.5	23.9	14 AWG	.280	7.11	(2) Duofoil	.387	9.83	75	82%	16.2	53.1	1	.2	.7
		CMP CL2P	1000	304.8	106.0	48.2	(solid)			Shields							10	4	1.3
		CEC:					.064"			+ (2) TC							50	1.2	3.9
		CMP FT6					BCCS			Braids							100	1.7	5.6
							11.0Ω/M'			1.8Ω/M'							200	2.5	8.2
							36.1Ω/km			5.9Ω/km							400	3.5	11.5
																	700	4.6	15.1
																	900	5.3	17.4
																	1000	5.6	18.4
					</														

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: 1000	304.8	27.0	12.3	20 AWG (solid)	.144	3.66	Duobond Plus*	.242	6.15	75	83%	16.2	53.1	See Chart on page 6.92
	CATVR	CMR				.032"			+ 95% Aluminum							
Shorting Fold	CEC: CMG FT4	SPCCS				25.8Ω/M'			Braid							
						84.6Ω/km			4.5Ω/M'							Sweep tested 5 MHz to 1 GHz.
									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% TC Braid 3.8Ω/M' 12.5Ω/km	.233	5.92	75	83%	16.3	53.5	1	.3	1.0
Digital Video		CMR	1000	304.8	35.0	16.4	.032"										3.6	.6	1.8
75°C		CEC:	5000•	1524.0	165.0	74.8	BC										5	.6	2.1
			CMG FT4																
			10.0Ω/M' 32.8Ω/km																
			For Plenum version of 1505A, see 1506A.																
			Also available in bundled versions. See 7794A through 7798A.																
			100																
			135																
			143																
			180																
			270																
			360																
			540																
			720																
			750																
			1000																
			1500																
			2000																
			2250																
			3000																

▲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.

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							3.6	.5	1.6
Video Patch		CEC:					BCC			Coverage							5	.6	2.0
75°C		CM					12.2Ω/M' 40.0Ω/km			2.4Ω/M' 7.8Ω/km							7	.7	2.4
			10																
			67.5																
			71.5																
			88.5																
			100																
			135																
			143																
			180																
			270																
			360																
			540																
			720																
			750																
			1000																
			1500																
			2000																
			2250																
			3000																

[†]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							3.6	.5	1.6
							BC			Coverage							10.0	.8	2.6
							9.9Ω/M'			1.1Ω/M'							71.5	2.1	6.9
							32.5Ω/km			3.6Ω/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							3.6	.5	1.6
							BC			Coverage							10.0	.8	2.6
							9.9Ω/M'			1.1Ω/M'							71.5	2.1	6.9
							32.5Ω/km			3.6Ω/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							3.6	.5	1.7
							BCC			Coverage							10.0	.9	3.0
							12.2Ω/M'			1.7Ω/M'							71.5	2.5	8.2
							40.0Ω/km			5.6Ω/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.