

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	3.66	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.237 6.02	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	3.66	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.237 6.02	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: CATVP CMP CEC: CMP	1000†	304.8	24.0	10.9	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.140 3.56	3.56	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.203 5.16	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 <i>new</i>		1000	304.8	38.0	17.3	20 AWG (solid) .032" BCCS 44.5Ω/M' 146.0Ω/km	.144 3.66	3.66	Duobond II* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.240 6.10	6.10	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	3.66	Duobond III* + 67% Aluminum Braid 12.0Ω/M' 39.4Ω/km	.242 6.15	6.15	75	83%	16.2	53.1	See Chart on page 6.92		
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*U-1000 ft. put-up available in White only.

Sweep tested 5 MHz to 1 GHz.

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	3.66	Duobond IV* + 67% & 46% Aluminum Braids 7.0Ω/M' 23.0Ω/km	.265 6.73	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.



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