

# Video/RF Cable

## Broadband CATV Coaxial Cables

### Series 6 (RG-6/U Type)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m

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

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

80°C	<b>9116</b>	NEC: CATV CM CEC: CM	U-1000 <sup>▲</sup> 1000	U-304.8 304.8	30.0 31.0	13.6 14.1	18 AWG (solid) .040"	.180	4.57	Duobond II* + 60% Aluminum Braid 28.0Ω/M' 91.9Ω/km	.270	6.86	75	83%	16.2	53.2	See Chart on page 6.92		
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▲U-1000 ft. put-up also available in Beige.

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

80°C	<b>1829A</b>	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	29.0 29.0	13.2 13.2	18 AWG (solid) .040"	.180	4.57	Duobond II + 60% Aluminum Braid 28.0Ω/M' 91.9Ω/km	.270	6.86	75	83%	16.2	53.2	5	.5	1.6
																	55	1.4	4.6
																	211	2.6	8.5
																	500	4.1	13.5
																	750	5.1	16.7
																	862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.8	25.6
																	1800	8.6	28.2
																	2250	9.8	32.2
																	3000	11.3	37.1

80°C	<b>1829R</b> <small>new</small>	NEC: CATVR, CMR CEC: CMG FT4	U-1000* 1000	U-304.8 304.8	29.0 29.0	13.2 13.2	18 AWG (solid) .040"	.180	4.57	Duobond II + 60% Aluminum Braid 28.0Ω/M' 91.9Ω/km	.270	6.86	75	83%	16.2	53.2	5	.5	1.6
																	55	1.4	4.6
																	211	2.6	8.5
																	500	4.1	13.5
																	750	5.1	16.7
																	862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.8	25.6
																	1800	8.6	28.2
																	2250	9.8	32.2
																	3000	11.3	37.1

\*U-1000 ft. put-up not available in Neutral.

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

75°C	<b>1829P</b> <small>new</small>	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"	.170	4.32	Duobond II + 60% Aluminum Braid 28.0Ω/M' 91.9Ω/km	.235	5.97	75	83%	16.3	53.5	1	.3	1.0
																	10	.7	2.2
																	50	1.5	4.9
																	100	2.1	6.9
																	200	3.0	9.8
																	400	4.4	14.4
																	700	6.1	20.0
																	900	7.2	23.6
																	1000	7.6	24.9
																	1450	9.6	31.5
																	1800	11.0	36.1
																	2250	12.7	41.7
																	3000	15.1	49.5

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

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

80°C	<b>1189A</b>	NEC: CATV CM CEC: CM	U-500 1000	U-152.4 304.8	18.0 35.0	8.2 15.9	18 AWG (solid) .040"	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 28.0Ω/M' 91.9Ω/km	.298	7.57	75	83%	16.2	53.2	See Chart on page 6.88		

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

**Plenum • Foam FEP Insulation • Natural Flamarrest Jacket**

75°C	<b>1189AP</b>	NEC: CATVP CMP CEC: CMP FT6	1000 <sup>†</sup> 1000	304.8 304.8	32.0 32.0	14.5 14.5	18 AWG (solid) .040"	.170	4.32	Duobond IV 60% & 40% Aluminum Braids 28.0Ω/M' 91.9Ω/km	.248	6.30	75	83%	16.3	53.5	1	.3	1.0
																	10	.7	2.2
																	50	1.6	5.2
																	100	2.2	7.2
																	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

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

\* Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (60% coverage).

For additional selection of Belden® Video Cables, refer to the Coaxial and Broadcast Cables sections of this catalog.

Duobond IV = Duobond II + 60% aluminum braid + Duofoil® tape + 40% aluminum braid.

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

