

Video/RF Cable


Broadband CATV and DBS 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 Conductor • Duobond® + Aluminum Braid(s) Shield

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


 <p>Shorting Fold</p>	80°C	7915A	NEC: U-500	U-152.4	16.5	7.5	18 AWG (solid)	.180	4.57	Duobond Plus [®] +	.275	6.99	75	83%	16.2	53.2	5	.5	1.6
	CATV CM	500	152.4	18.0	8.2												55	1.4	4.6
	CEC: U-1000	U-304.8	31.0	14.1			.040"			77% & 80%							211	2.6	8.5
	CM	1000	304.8	31.0	14.1					Aluminum Braid							500	4.1	13.5
										BC							750	5.1	16.7

Shielding effectiveness is 125dB @ 1GHz.

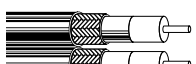
	80°C	7916A	NEC: U-500	U-152.4	18.5	8.4	18 AWG (solid)	.180	4.57	Duobond IV*	.298	7.57	75	83%	16.2	53.2	5	.5	1.6
	CATV CM	500	152.4	19.5	8.9					+							55	1.4	4.6
	CEC: U-1000	U-304.8	35.0	15.9			.040"			60% & 40%							211	2.6	8.5
	CM	1000	304.8	35.0	15.9					Aluminum Braids							500	4.1	13.5
										BC							750	5.1	16.7

Shielding effectiveness is 125dB @ 1GHz.


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

	80°C	1829AC	NEC: U-1000 [†]	U-304.8	29.0	13.2	18 AWG (solid)	.180	4.57	Duobond II + 60%	.270	6.86	75	83%	16.2	53.2	5	.5	1.6
	CATV CM	1000 ^{††}	304.8	30.0	13.6					Aluminum Braid							55	1.4	4.6
	CEC: U-1000	U-304.8	31.0	14.1			.040"			9.0Ω/M'							211	2.6	8.5
	CM	1000	304.8	31.0	14.1					29.5Ω/km							500	4.1	13.5
										BC							750	5.1	16.7

[†]U-1000 ft. put-up not available in White.
^{††}1000 ft. put-up not available in Gray.

	80°C	1841AC	NEC: U-500	U-152.4	33.5	15.2	18 AWG (solid)	.180	4.57	Duobond II + 60%	.273	6.93	75	83%	16.2	53.2	5	.5	1.6
	CATV CM	500	152.4	33.5	15.2					x x							55	1.4	4.6
	CEC: U-500	U-152.4	33.5	15.2			.040"			Aluminum Braid	.595	15.11					211	2.6	8.5
	CM	500	152.4	33.5	15.2					BC							500	4.1	13.5
										6.4Ω/M'							750	5.1	16.7

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

	80°C	7916AP <small>new</small>	NEC: U-1000	U-304.8	32.0	14.5	18 AWG (solid)	.170	4.32	Duobond IV* + 60% & 40%	.248	6.30	75	83%	16.3	53.5	1	.3	1.0
	CATV CMP	1000	304.8	31.0	14.1					Aluminum Braids							10	.7	2.2
	CEC: U-1000	U-304.8	31.0	14.1			.040"			4.8Ω/M'							50	1.6	5.3
	CMP FT6	1000	304.8	31.0	14.1					15.7Ω/km							100	2.2	7.2
										BC							200	3.0	9.8

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

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