Broadband Coax
Drop Cables

BROADBAND

De-scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 ft.	Nominal Attenuation dB/ 100 m
Series 6 • Solid 1.02 mm Copper-Covered Steel • **Duobond® II** • 60 % Aluminum Braid																			
Gas-Injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9116**	NEC: CATV CM CEC: CM	U-1000 1000	U-305 305	30.0 31.1	13.6 14.1	1.016 mm Solid CCS 121.3 /km* 91.9 /km**	0.180	4.57	Duobond® II + 60 % AL Braid 29.5 /km*** 5.4 mm	0.270	6.86	75	83%	16.2	53.1	5 55 240 450 862 1000 1450 1800 2250 3000	0.5 1.5 2.8 3.9 5.5 6.0 7.8 8.6 9.8 11.3	1.8 4.8 9.2 12.7 18.0 19.7 25.6 28.2 32.2 37.1
			Return loss at	5-470 MHz: 23 dB 470-862 MHz: 20 dB 862-2150 MHz: 18 dB						Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B									
Series 6 • Solid 1.02 mm Copper-Covered Steel • **Duobond® III** • 60 % Aluminum Braid Shield																			
Gas-Injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9118**	NEC: CATV CM CEC: CM	U-1000 1000	U-305 305	30.0 30.0	13.6 13.6	1.016 mm Solid CCS 113.2 /km* 91.9 /km**	0.180	4.57	Duobond® III + 60 % AL Braid Duofoil® 21.3 /km*** 5.4 mm	0.278	7.06	75	83%	16.2	53.1			see above
			Return loss at	5-470 MHz: 23 dB 470-862 MHz: 20 dB 862-2150 MHz: 18 dB						Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B									
U-305 m put-up also available in Beige, White and White Neutral.																			
RG6D • Solid 1.0 mm Copper-Covered Steel • **Duobond Plus®** • 50 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**RG6D01**		U-820	U-250	27.0	12.3	1.0 mm Solid CCS 69.0 /km* 55.0 /km**	0.180	4.57	Duobond Plus® + 50 % TC Braid 14.0 /km*** 5.4 mm	0.272	6.90	75	82%	16.5	54.0	5 50 100 230 400 800 862 1000 1350 1750 2150 2400 3000	0.5 1.4 2.0 3.0 4.0 5.7 5.9 6.4 7.6 8.8 9.8 10.5 12.0	1.8 4.7 6.5 9.8 13.0 18.7 19.5 21.1 24.9 28.8 32.3 34.4 39.2
BTQ			Return loss at	5-470 MHz: 20 dB 470-1000 MHz: 18 dB 1000-2000 MHz: 16 dB 2000-3000 MHz: 15 dB						Screening attenuation at 30-1000 MHz: 100 dB Transfer impedance at 5-30 MHz: 4.5 m /m Screening Class: A Pulling Tension: 570 N									
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**RG6D00**		U-820	U-250	25.9	11.8	1.0 mm Solid CCS 71.0 /km* 55.0 /km**	0.180	4.57	Duobond Plus® + 40 % TC Braid 16.0 /km*** 5.4 mm	0.272	6.90	75	82%	16.5	54.0			see above
BTT			Return loss at	5-470 MHz: 20 dB 470-1000 MHz: 18 dB 1000-2000 MHz: 16 dB 2000-3000 MHz: 15 dB						Screening attenuation at 30-1000 MHz: 100 dB Transfer impedance at 5-30 MHz: 4.5 m /m Screening Class: A Pulling Tension: 570 N									
RG6A • Solid 1.0 mm Copper-Covered Steel • **Duofoil®** • 40% Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																			
70°C	**RG6A00**		B-328 U-820	B-100 U-250	10.6 26.5	4.8 12.0	1.0 mm Solid CCS 131.0 /km* 105.0 /km**	0.180	4.57	Duofoil® + 40 % TC Braid 26.0 /km*** 5.3 mm	0.272	6.90	75	82%	16.5	54.0			see above
BTQ			Return loss at	5-470 MHz: 20 dB 470-1000 MHz: 18 dB 1000-2000 MHz: 16 dB 2000-3000 MHz: 15 dB						Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 40.0 m /m Screening Class: C Pulling Tension: 570 N									
B-100 m put-up available in White only. U-250 m put-up available in Black only																			

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • AL = Aluminum • CCS = Copper-Covered Steel
Duofoil®, Duobond® II, Duobond® III and Duobond Plus® see technical information page 23.13.