






Broadband Coax
 Drop Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material 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/ 100 m																									
RG7C • Solid 1.25 mm Bare Copper • Copper-Foil • 50% Bare Copper Braid																																												
Gas-Injected Polyethylene Insulation • Black PVC Jacket																																												
70°C	RG7C00		820	250	34.4	15.6	1.25 mm	0.224	5.70	Cu-foil + 50% BC Braid 12.0 Ω/km*** 6.3 mm	0.319	8.10	75	82%	16.5	54.0	5	0.5	1.5																									
			1640	500	68.9	31.3	Solid BC 26.5 Ω/km* 14.5 Ω/km**	50	1.1								3.5																											
			Return loss at				5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 90 N				100	1.5	5.0	230	2.3	7.5	400	3.1	10.1	800	4.5	14.6	862	4.7	15.5	1000	5.2	17.0	1350	5.9	19.5	1750	6.7	22.0	2150	7.9	26.0	2400	8.2	27.0
																																												
PRG7C • Solid 1.2 mm Bare Copper • Copper-Foil • 40% Bare Copper Braid																																												
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																																												
70°C	PRG7C01		820	250	22.6	10.3	1.2 mm	0.213	5.40	Cu-foil + 40% BC Braid 19.0 Ω/km*** 5.84 mm	0.280	7.10	75	83%	16.5	54.0	5	0.4	1.2																									
			1640	500	45.2	20.5	Solid BC 34.6 Ω/km* 15.6 Ω/km**	50	1.1								3.6																											
			Return loss at				5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 80 N				100	1.6	5.2	230	2.4	7.9	400	3.2	10.5	800	4.6	15.2	862	4.8	15.8	1000	5.2	17.1	1350	6.1	20.1	1750	7.1	23.2	2150	7.9	26.0	2400	8.4	27.7
250 m put-up available in Black only.																																												
																																												
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																																												
70°C	PRG7C00		B-328	B-100	10.4	4.7	1.2 mm	0.213	5.40	Cu-foil + 40% BC Braid 19.0 Ω/km*** 5.84 mm	0.280	7.10	75	83%	16.5	54.0	see above																											
			820	250	25.9	11.8	Solid BC 34.6 Ω/km* 15.6 Ω/km**										50	1.2	3.9																									
			Return loss at				5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 80 N				100	1.6	5.4	230	2.5	8.1	400	3.3	10.7	800	4.7	15.5	862	4.9	16.1	1000	5.3	17.5	1350	6.3	20.6	1750	7.3	23.8	2150	8.2	26.8	2400	8.7	28.6
1000 m put-up available in Black only.																																												
																																												
PRG7A • Solid 1.2 mm Bare Copper • Duofoil® • 40% Tinned Copper Braid																																												
Gas-Injected Polyethylene Insulation • Black PVC Jacket																																												
70°C	PRG7A00		328	100	9.7	4.4	1.2 mm	0.213	5.40	Duofoil® + 40% TC Braid 24.0 Ω/km*** 5.84 mm	0.280	7.10	75	83%	16.5	54.0	see above																											
					Solid BC 39.6 Ω/km* 15.6 Ω/km**	50	1.2										3.9																											
			Return loss at				5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 39.0 mΩ/m Screening Class: C Pulling Tension: 80 N				100	1.6	5.4	230	2.5	8.1	400	3.3	10.7	800	4.7	15.5	862	4.9	16.1	1000	5.3	17.5	1350	6.3	20.6	1750	7.3	23.8	2150	8.2	26.8	2400	8.7	28.6
																																												
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																																												
70°C	PRG7A01		3280	1000	147.7	67.0	1.2 mm	0.213	5.40	Duofoil® + 40% TC Braid 24.0 Ω/km*** 5.84 mm	0.280	7.10	75	83%	16.5	54.0	see above																											
					Solid BC 39.6 Ω/km* 15.6 Ω/km**	50	1.2										3.9																											
			Return loss at				5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 39.0 mΩ/m Screening Class: C Pulling Tension: 3500 N				100	1.6	5.4	230	2.5	8.1	400	3.3	10.7	800	4.7	15.5	862	4.9	16.1	1000	5.3	17.5	1350	6.3	20.6	1750	7.3	23.8	2150	8.2	26.8	2400	8.7	28.6
3.6 mm ZP messenger																																												
																																												

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • ZP = Stranded Zinc-Plated Steel
 Duofoil® see technical information page 23.13.

9 • Broadband Coax Cables