

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. ()	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

CT125C • Solid 1.25 mm Bare Copper • **Copper-Foil** • 51% Bare Copper Braid**5-Cell Polyethylene Insulation • Black Polyethylene Jacket**

70°C	CT125C1	820	250	31.4	14.3	1.25 mm	0.217	5.50	Cu-foil + 51% BC Braid 13.5 /km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	50	1.1	3.5
		1640	500	62.8	28.5	Solid BC	230	2.4								7.8		
		3280	1000	125.7	57.0	28.5 /km* 15.0 /km**	470	3.5								11.6		



Return loss at	5-470 MHz: 23 dB	Screening attenuation at 30-1000 MHz: 85 dB
	470-1000 MHz: 20 dB	Transfer impedance at 5-30 MHz: 5.0 m /m
	1000-2000 MHz: 18 dB	Screening Class: A
	2000-3000 MHz: 16 dB	Pulling Tension: 100 N

5-Cell Polyethylene Insulation • Black RBS Polyethylene Jacket

70°C	CT125C3	1640	500	88.2	40.0	1.25 mm	0.217	5.50	Cu-foil + 51% BC Braid 13.5 /km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	see above		
		3280	1000	176.4	80.0	Solid BC	230	2.4								7.8		
						28.5 /km* 15.0 /km**	470	3.5								11.6		



RBS jacket

Return loss at	5-470 MHz: 23 dB	Screening attenuation at 30-1000 MHz: 85 dB
	470-1000 MHz: 20 dB	Transfer impedance at 5-30 MHz: 5.0 m /m
	1000-2000 MHz: 18 dB	Screening Class: A
	2000-3000 MHz: 16 dB	Pulling Tension: 100 N

5-Cell Polyethylene Insulation • Black PVC Jacket

70°C	CT125C0	328	100	15.0	6.8	1.25 mm	0.217	5.50	Cu-foil + 51% BC Braid 13.5 /km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	see above		
		820	250	37.5	17.0	Solid BC	230	2.4								7.8		
		1640	500	75.0	34.0	28.5 /km* 15.0 /km**	470	3.5								11.6		



Return loss at	5-470 MHz: 23 dB	Screening attenuation at 30-1000 MHz: 85 dB
	470-1000 MHz: 20 dB	Transfer impedance at 5-30 MHz: 5.0 m /m
	1000-2000 MHz: 18 dB	Screening Class: A
	2000-3000 MHz: 16 dB	Pulling Tension: 100 N

RG7C • Solid 1.25 mm Bare Copper • **Copper-Foil** • 50% Bare Copper Braid**Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket**

70°C	RG7C01	820	250	34.4	15.6	1.25 mm	0.224	5.70	Cu-foil + 50% BC Braid 12.0 /km*** 6.3 mm	0.319	8.10	75	82%	16.5	54.0	5	0.4	1.2
		1640	500	68.9	31.3	Solid BC	50	1.0								3.4		
						26.5 /km* 14.5 /km**	100	1.5								4.9		



Return loss at	5-470 MHz: 23 dB	Screening attenuation at 30-1000 MHz: 85 dB
	470-1000 MHz: 20 dB	Transfer impedance at 5-30 MHz: 15.0 m /m
	1000-2000 MHz: 18 dB	Screening Class: B
	2000-3000 MHz: 16 dB	Pulling Tension: 90 N

Gas-Injected Polyethylene Insulation • Black FRNC/LSNH Jacket

70°C	RG7C02 IEC 332-1	820	250	34.4	15.6	1.25 mm	0.224	5.70	Cu-foil + 50% BC Braid 12.0 /km*** 6.3 mm	0.319	8.10	75	82%	16.5	54.0	see above		
		1640	500	68.9	31.3	Solid BC	50	1.0								3.4		
						26.5 /km* 14.5 /km**	100	1.5								4.9		



Return loss at	5-470 MHz: 23 dB	Screening attenuation at 30-1000 MHz: 85 dB
	470-1000 MHz: 20 dB	Transfer impedance at 5-30 MHz: 15.0 m /m
	1000-2000 MHz: 18 dB	Screening Class: B
	2000-3000 MHz: 16 dB	Pulling Tension: 90 N

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper

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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. ()	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 Solid BC	0.224	5.70	Cu-foil + 50% BC Braid	0.319	8.10	75	82%	16.5	54.0	5	0.5	1.5																			
		1640	500	68.9	31.3											26.5 /km*	14.5 /km**	12.0 /km***	6.3 mm	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
Return loss at		5-470 MHz: 23 dB				Screening attenuation at 30-1000 MHz: 85 dB								470-1000 MHz: 20 dB				Transfer impedance at 5-30 MHz: 15.0 m /m				1000-2000 MHz: 18 dB				Screening Class: B				2000-3000 MHz: 16 dB				Pulling Tension: 90 N			



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 Solid BC	0.213	5.40	Cu-foil + 40% BC Braid	0.280	7.10	75	83%	16.5	54.0	5	0.4	1.2																						
		1640	500	45.2	20.5											34.6 /km*	15.6 /km**	19.0 /km***	5.84 mm	50	1.1	3.6	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
Return loss at		5-470 MHz: 23 dB				Screening attenuation at 30-1000 MHz: 75 dB								470-1000 MHz: 20 dB				Transfer impedance at 5-30 MHz: 15.0 m /m				1000-2000 MHz: 18 dB				Screening Class: B				2000-3000 MHz: 16 dB				Pulling Tension: 80 N						



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 Solid BC	0.213	5.40	Cu-foil + 40% BC Braid	0.280	7.10	75	83%	16.5	54.0	see above																					
		820	250	25.9	11.8											34.6 /km*	15.6 /km**	19.0 /km***	5.84 mm																		
Return loss at		5-470 MHz: 23 dB				Screening attenuation at 30-1000 MHz: 75 dB								470-1000 MHz: 20 dB				Transfer impedance at 5-30 MHz: 15.0 m /m				1000-2000 MHz: 18 dB				Screening Class: B				2000-3000 MHz: 16 dB				Pulling Tension: 80 N			



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 Solid BC	0.213	5.40	Duofoil® + 40% TC Braid	0.280	7.10	75	83%	16.5	54.0	5	0.5	1.6																			
Return loss at		5-470 MHz: 23 dB				Screening attenuation at 30-1000 MHz: 85 dB								470-1000 MHz: 20 dB				Transfer impedance at 5-30 MHz: 39.0 m /m				1000-2000 MHz: 18 dB				Screening Class: C				2000-3000 MHz: 16 dB				Pulling Tension: 80 N			



Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																																					
70°C	PRG7A01	3280	1000	147.7	67.0	1.2 mm Solid BC	0.213	5.40	Duofoil® + 40% TC Braid	0.280	7.10	75	83%	16.5	54.0	see above																					
Return loss at		5-470 MHz: 23 dB				Screening attenuation at 30-1000 MHz: 85 dB								470-1000 MHz: 20 dB				Transfer impedance at 5-30 MHz: 39.0 m /m				1000-2000 MHz: 18 dB				Screening Class: C				2000-3000 MHz: 16 dB				Pulling Tension: 3500 N			



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.