

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

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 Solid BC 28.5 Ω/km* 15.0 Ω/km**	0.217	5.50	Cu-foil + 51% BC Braid 13.5 Ω/km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	50	1.1	3.5	230	2.4	7.8
		1640	500	62.8	28.5											470	3.5	11.6	862	4.7	15.5
		3280	1000	125.7	57.0											1000	5.2	17.0	1750	6.7	22.0



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: ≤ 5.0 mΩ/m
Screening Class: A
Pulling Tension: 100 N

5-Cell Polyethylene Insulation • Black RBS Polyethylene Jacket																				
70°C	CT125C3	1640	500	88.2	40.0	1.25 mm Solid BC 28.5 Ω/km* 15.0 Ω/km**	0.217	5.50	Cu-foil + 51% BC Braid 13.5 Ω/km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	see above				
		3280	1000	176.4	80.0															



RBS jacket

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: ≤ 5.0 mΩ/m
Screening Class: A
Pulling Tension: 100 N

5-Cell Polyethylene Insulation • Black PVC Jacket																				
70°C	CT125C0	328	100	15.0	6.8	1.25 mm Solid BC 28.5 Ω/km* 15.0 Ω/km**	0.217	5.50	Cu-foil + 51% BC Braid 13.5 Ω/km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	see above				
		820	250	37.5	17.0															
		1640	500	75.0	34.0															



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: ≤ 5.0 mΩ/m
Screening Class: A
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 Solid BC 26.5 Ω/km* 14.5 Ω/km**	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	0.4	1.2	50	1.0	3.4
		1640	500	68.9	31.3											100	1.5	4.9	230	2.3	7.5
		400	3.1	10.1	800											4.5	14.6	862	4.6	15.1	1000



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

Gas-Injected Polyethylene Insulation • Black FRNC/LSNH Jacket																				
70°C	RG7C02 IEC 332-1	820	250	34.4	15.6	1.25 mm Solid BC 26.5 Ω/km* 14.5 Ω/km**	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	see above				
		1640	500	68.9	31.3															



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

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