

Broadband Coax
Distribution 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

CT167C • Solid 1.67 mm Bare Copper • Copper-Foil • 55 % Bare Copper Braid

5-Cell Polyethylene Insulation • Black Polyethylene Jacket																																	
70°C	CT167C1		328	100	24.5	11.1	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	5	0.3	0.9														
			820	250	61.2	27.8											50	0.9	2.8	230	1.8	6.0	470	2.9	9.4	862	3.8	12.6	1000	4.3	14.0	1350	5.0
Return loss at			5-470 MHz: ≥ 26 dB				470-1000 MHz: ≥ 23 dB				1000-2150 MHz: ≥ 18 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m				Screening Class: A				Pulling Tension: 300 N						

5-Cell Polyethylene Insulation • Black RBS Polyethylene Jacket																														
70°C	CT167C3		820	250	63.4	28.8	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	see above													
Return loss at			5-470 MHz: ≥ 26 dB				470-1000 MHz: ≥ 23 dB				1000-2150 MHz: ≥ 18 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m				Screening Class: A				Pulling Tension: 300 N			

5-Cell Polyethylene Insulation • Black PVC Jacket																														
70°C	CT167C0		820	250	52.4	23.8	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	see above													
			1640	500	104.7	47.5																								
Return loss at			5-470 MHz: ≥ 26 dB				470-1000 MHz: ≥ 23 dB				1000-2150 MHz: ≥ 18 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m				Screening Class: A				Pulling Tension: 300 N			

5-Cell Polyethylene Insulation • Grey FRNC/LSNH Jacket																														
70°C	CT167C2	IEC 322-1	820	250	52.4	23.8	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	see above													
			1640	500	104.7	47.5																								
Return loss at			5-470 MHz: ≥ 26 dB				470-1000 MHz: ≥ 23 dB				1000-2150 MHz: ≥ 18 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m				Screening Class: A				Pulling Tension: 300 N			

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