Broadband Coax
Trunk Cables

BROADBAND

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
Coax 3C • Solid 3.38 mm Bare Copper • **Copper-Foil** • 60% Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX3C0**		2296	700	496.9	225.4	3.38 mm Solid BC	0.587	14.90	Cu-foil + 60% BC Braid	0.780	19.80	75	84%	16.5	54.0	5	0.1	0.4
			3444	1050	745.4	338.1	4.5 /km*										50	0.4	1.3
							1.9 /km**			2.6 /km***							100	0.5	1.8
										15.8 mm							230	0.9	2.9
FB20																	400	1.2	3.9
																	800	1.7	5.7
																	862	1.8	5.9
			Return loss at 5-470 MHz: 26 dB 470-1000 MHz: 23 dB 1000-2150 MHz: 18 dB							Screening attenuation at 30-1000 MHz: 100 dB Transfer impedance at 5-30 MHz: 0.8 m /m Screening Class: A++ Pulling Tension: 1200 N							1000	2.0	6.5
																	1350	2.3	7.7
																	1750	2.7	9.0
																	2150	3.1	10.2
																	2400	3.3	10.9
70°C	**CX3C3**		2296	700	626.5	284.2	3.38 mm Solid BC	0.587	14.90	Cu-foil + 60% BC Braid	0.780	19.80 x 30.00	75	84%	16.5	54.0			see above
							4.5 /km*												
FB20							1.9 /km**			2.6 /km***									
										15.8 mm									
			Return loss at 5-470 MHz: 26 dB 470-1000 MHz: 23 dB 1000-2150 MHz: 18 dB							Screening attenuation at 30-1000 MHz: 100 dB Transfer impedance at 5-30 MHz: 0.8 m /m Screening Class: A++ Pulling Tension: 6000 N									
Available in Black. 7.2 mm ZP messenger																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**CX3C2**	IEC 332-1	2296	700	620.4	281.4	3.38 mm Solid BC	0.587	14.90	Cu-foil + 60% BC Braid	0.780	19.80	75	84%	16.5	54.0			see above
							4.5 /km*												
FB20							1.9 /km**			2.6 /km***									
										15.8 mm									
			Return loss at 5-470 MHz: 26 dB 470-1000 MHz: 23 dB 1000-2150 MHz: 18 dB							Screening attenuation at 30-1000 MHz: 100 dB Transfer impedance at 5-30 MHz: 0.8 m /m Screening Class: A++ Pulling Tension: 1200 N									
Coax 3C • Solid 3.38 mm Bare Copper • **Copper-Foil**																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX3C1**		2296	700	419.8	190.4	3.38 mm Solid BC	0.587	14.90	Cu-foil	0.709	18.00	75	84%	16.5	54.0			see above
			3444	1050	629.6	285.6	4.5 /km*												
							1.9 /km**			2.6 /km***									
										15.3 mm									
FB18																			
			Return loss at 5-470 MHz: 26 dB 470-1000 MHz: 23 dB 1000-2150 MHz: 18 dB							Screening attenuation at 30-1000 MHz: 100 dB Transfer impedance at 5-30 MHz: 0.8 m /m Screening Class: A++ Pulling Tension: 1200 N									

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • ZP = Stranded Zinc-Plated Steel