

## Broadband Coax

### Trunk 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

#### Coax 4C • Solid 2.23 mm Bare Copper • Copper-Foil • 60% Bare Copper Braid

##### Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)

70°C	CX4C0		1640	500	183.0	83.0	2.23 mm	0.402	10.20	Cu-foil + 60% BC Braid	0.543	13.80	75	82%	16.5	54.0	5	0.2	0.6																			
			3280	1000	366.0	166.0	Solid BC	9.0 /km*	4.5 /km**								4.5 /km***	11.0 mm	100	0.9	2.8	230	1.3	4.4	400	1.8	5.9	800	2.7	8.8	862	2.8	9.2	1000	3.0	10.0	1350	3.6
																	Return loss at			5-470 MHz: 26 dB			Screening attenuation at 30-1000 MHz: 100 dB															
																				470-1000 MHz: 23 dB			Transfer impedance at 5-30 MHz: 1.9 m /m															
																				1000-2150 MHz: 18 dB			Screening Class: A+															
																						Pulling Tension: 400 N																



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70°C	CX4C3		1640	500	248.0	112.5	2.23 mm	0.402	10.20	Cu-foil + 60% BC Braid	0.543	13.80	75	82%	16.5	54.0	see above		
							Solid BC	9.0 /km*	4.5 /km**								4.5 /km***	11.0 mm	x



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Available in Black.  
5.8 mm ZP messenger

Return loss at			5-470 MHz: 26 dB			Screening attenuation at 30-1000 MHz: 100 dB				
			470-1000 MHz: 23 dB			Transfer impedance at 5-30 MHz: 1.9 m /m				
			1000-2150 MHz: 18 dB			Screening Class: A+				
					Pulling Tension: 6000 N					

##### Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket

70°C	CX4C2	IEC 332-1	1640	500	211.6	96.0	2.23 mm	0.402	10.20	Cu-foil + 60% BC Braid	0.543	13.80	75	82%	16.5	54.0	see above										
							Solid BC	9.0 /km*	4.5 /km**								4.5 /km***	11.0 mm									
																	Return loss at			5-470 MHz: 26 dB			Screening attenuation at 30-1000 MHz: 100 dB				
																				470-1000 MHz: 23 dB			Transfer impedance at 5-30 MHz: 1.9 m /m				
																				1000-2150 MHz: 18 dB			Screening Class: A+				
																						Pulling Tension: 400 N					



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#### Coax 4C • Solid 2.23 mm Bare Copper • Copper-Foil

##### Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)

70°C	CX4C1		1640	500	177.5	80.5	2.23 mm	0.402	10.20	Cu-foil + 60% BC Braid	0.543	13.80	75	82%	16.5	54.0	see above										
			3280	1000	354.9	161.0	Solid BC	9.0 /km*	4.5 /km**								4.5 /km***	10.6 mm									
																	Return loss at			5-470 MHz: 26 dB			Screening attenuation at 30-1000 MHz: 100 dB				
																				470-1000 MHz: 23 dB			Transfer impedance at 5-30 MHz: 1.9 m /m				
																				1000-2150 MHz: 18 dB			Screening Class: A+				
																						Pulling Tension: 600 N					



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