





**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. (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
<b>Coax 4C • Solid 2.23 mm Bare Copper • Copper-Foil • 60% Bare Copper Braid</b>																			
<b>Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)</b>																			
70°C	<b>CX4C0</b>		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 Ω/km*	4.5 Ω/km**								11.0 mm	50	0.6
																			
FB14																			
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: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N																			
70°C	<b>CX4C3</b>		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	5	0.2	0.6
			3280	1000	366.0	166.0	Solid BC	9.0 Ω/km*	4.5 Ω/km**								11.0 mm	50	0.6
																			
FB14																			
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: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 6000 N																			
Available in Black. 5.8 mm ZP messenger																			
<b>Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket</b>																			
70°C	<b>CX4C2</b>	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	5	0.2	0.6
			3280	1000	354.9	161.0	Solid BC	9.0 Ω/km*	4.5 Ω/km**								10.6 mm	50	0.6
																			
FB14																			
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: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N																			
<b>Coax 4C • Solid 2.23 mm Bare Copper • Copper-Foil</b>																			
<b>Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)</b>																			
70°C	<b>CX4C1</b>		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	5	0.2	0.6
			3280	1000	354.9	161.0	Solid BC	9.0 Ω/km*	4.5 Ω/km**								10.6 mm	50	0.6
																			
FB14																			
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: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 600 N																			

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