

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

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 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80	75	84%	16.5	54.0	5	0.1	0.4
			3444	1050	745.4	338.1											50	0.4	1.3
 FB20	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 mΩ/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	IEC 332-1	2296	700	626.5	284.2	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80 x 30.00	75	84%	16.5	54.0	see above		
------	--------------	-----------	------	-----	-------	-------	--	-------	-------	--	-------	---------------------	----	-----	------	------	-----------	--	--

70°C	CX3C2	IEC 332-1	2296	700	620.4	281.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80	75	84%	16.5	54.0	see above		
			3444	1050	745.4	338.1											50	0.4	1.3
 FB20 Available in Black. 7.2 mm ZP messenger	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 mΩ/m Screening Class: A++ Pulling Tension: 6000 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																

Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket


70°C	CX3C1	IEC 332-1	2296	700	419.8	190.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.3 mm	0.709	18.00	75	84%	16.5	54.0	see above		
------	--------------	-----------	------	-----	-------	-------	--	-------	-------	--	-------	-------	----	-----	------	------	-----------	--	--

70°C	CX3C1	IEC 332-1	2296	700	419.8	190.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.3 mm	0.709	18.00	75	84%	16.5	54.0	see above		
			3444	1050	629.6	285.6											50	0.4	1.3
 FB20	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 mΩ/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																

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 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.3 mm	0.709	18.00	75	84%	16.5	54.0	see above		
------	--------------	--	------	-----	-------	-------	--	-------	-------	--	-------	-------	----	-----	------	------	-----------	--	--

70°C	CX3C1		2296	700	419.8	190.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60% BC Braid 2.6 Ω/km*** 15.3 mm	0.709	18.00	75	84%	16.5	54.0	see above		
			3444	1050	629.6	285.6											50	0.4	1.3
 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 mΩ/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																

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