

**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 3.5A • Solid 3.15 mm Copper-Clad Aluminium • Welded Aluminium Tube</b>																								
<b>Gas-Injected Foam Polyethylene Insulation • Black Polyethylene Jacket</b>																								
70°C	YE00131		3280	1000	282.2	128.0	3.15 mm Solid CCA 5.55 Ω/km* 3.5 Ω/km**	0.513	13.03	Welded Aluminum Tube 2.05 Ω/km*** 13.72 mm	0.610	15.50	75	88%	15.2	50.0	5	0.1	0.5					
																	50	0.5	1.5					
																	100	0.6	2.1					
																	200	1.0	3.1					
																	400	1.4	4.5					
																	862	2.1	6.9					
																	1000	2.3	7.4					
Flooded			Return loss at				30-450 MHz: ≥ 30 dB		Screening attenuation at 50-2150 MHz: ≥ 100 dB												450-600 MHz: ≥ 28 dB		600-1000 MHz: ≥ 26 dB	
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70°C	YE00132		3280	1000	407.9	185.0	3.15 mm Solid CCA 5.55 Ω/km* 3.5 Ω/km**	0.513	13.03	Welded Aluminum Tube 2.05 Ω/km*** 13.72 mm	0.610	15.50	75	88%	15.2	50.0	see above							
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2.75 mm Steel Wire messenger																								

\* DC loop resistance • \*\* DC resistance inner conductor • \*\*\* DC resistance outer conductor • DCR = DC resistance • CCA = Copper-Clad Aluminium