

Broadband Coax
 Drop 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
H121A • Solid 0.8 mm Bare Copper • Duofoil® • 40% Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	H121A02		C-328	C-100	11.0	5.0	0.8 mm Solid BC 75.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Duofoil® + 40% TC Braid 40.0 Ω/km*** 4.1 mm	0.197	5.00	75	84%	16.2	53.0	5	0.7	2.3
																	50	1.8	5.9
																	100	2.5	8.1
																	230	3.7	12.1
																	400	4.8	15.9
																	800	6.9	22.7
																	862	7.2	23.6
																	1000	7.8	25.6
																	1350	9.1	30.0
																	1750	10.5	34.5
																	2150	11.8	38.6
																	2400	12.5	41.0
ShotGun			Return loss at				5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB	Screening attenuation at 30-1000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 33.0 mΩ/m Screening Class: C Pulling Tension: 40 N											

H123A • Solid 0.65 mm Bare Copper • Duofoil® • 88% Tinned Copper Braid

Gas-Injected Polyethylene Insulation • FRNC / LSNH Jacket (White or Black)																			
70°C	H123A02	IEC 332-1	1640	500	30.9	14.0	0.65 mm Solid BC 72.0 Ω/km* 55.0 Ω/km**	0.114	2.90	Duofoil® + 88% TC Braid 17.0 Ω/km*** 3.4 mm	0.169	4.30	75	84%	16.5	54.0	5	0.8	2.7
																	50	2.1	7.0
																	100	3.0	9.7
																	230	4.4	14.5
																	400	5.8	19.1
																	800	8.3	27.3
																	862	8.6	28.3
																	1000	9.3	30.6
																	1350	10.9	35.9
																	1750	12.6	41.2
																	2150	14.0	46.0
																	2400	14.9	48.9
			Return loss at				5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB	Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 33 N											

Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	H123A01		B-328	B-100	6.4	2.9	0.65 mm Solid BC 72.0 Ω/km* 55.0 Ω/km**	0.114	2.90	Duofoil® + 88% TC Braid 17.0 Ω/km*** 3.4 mm	0.169	4.30	75	84%	16.5	54.0			
			1640	500	32.0	14.5												see above	
			Return loss at				5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB	Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 33 N											

Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Blue, Green, Red or White)																			
70°C	H123A00		B-328	B-100	4.0	1.8	0.65 mm Solid BC 92.0 Ω/km* 55.0 Ω/km**	0.114	2.90	Duofoil® + 44% TC Braid 37.0 Ω/km*** 3.4 mm	0.163	4.15	75	84%	16.5	54.0			
			U-820	U-250	9.9	4.5												see above	
			1640	500	19.8	9.0													
			26240	8.000	317.5	144.0													
			Return loss at				5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB	Screening attenuation at 30-1000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 37.0 mΩ/m Screening Class: C Pulling Tension: 33 N											

H122A • Solid 0.4 mm Copper-Covered Steel • Duofoil® • 60% Tinned Copper Braid

Gas-Injected Polyethylene Insulation • White PVC Jacket																				
70°C	H122A00		B-328	B-100	3.1	1.4	0.4 mm Solid CCS 490.0 Ω/km* 450.0 Ω/km**	0.077	1.95	Duofoil® + 60% TC Braid 40.0 Ω/km*** 2.1 mm	0.144	3.65	75	80%	16.8	55.0	5	1.4	4.7	
			1640	500	15.4	7.0												50	3.4	11.3
																	100	4.6	15.3	
																	230	6.5	21.2	
																	400	9.1	30.0	
																	800	13.2	43.3	
																	862	13.4	43.8	
																	1000	14.8	48.5	
																	1350	17.2	56.5	
																	1750	19.7	64.8	
																	2150	22.1	72.5	
																	2400	23.4	76.9	
			Return loss at				5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB	Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 25.0 mΩ/m Screening Class: C Pulling Tension: 40 N												

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • CCS = Copper-Covered Steel

Duofoil® see technical information page 23.13.