Broadband Coax
Drop Cables

BROADBAND

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. ( )	Nom. Vel. of Prop.	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/100 ft.	Nominal Attenuation 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 /km* 35.0 /km**	0.138	3.50	Duofoil® + 40 % TC Braid 40.0 /km*** 4.1 mm	0.197 0.417	5.00 10.60	75	84 %	16.2	53.0	5 50 100 230 400 800 862 1000 1350 1750 2150 2400	0.7 1.8 2.5 3.7 4.8 6.9 7.2 7.8 9.1 10.5 11.8 12.5	2.3 5.9 8.1 12.1 15.9 22.7 23.6 25.6 30.0 34.5 38.6 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 m /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 /km* 55.0 /km**	0.114	2.90	Duofoil® + 88 % TC Braid 17.0 /km*** 3.4 mm	0.169	4.30	75	84 %	16.5	54.0	5 50 100 230 400 800 862 1000 1350 1750 2150 2400	0.8 2.1 3.0 4.4 5.8 8.3 8.6 9.3 10.9 12.6 14.0 14.9	2.7 7.0 9.7 14.5 19.1 27.3 28.3 30.6 35.9 41.2 46.0 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 m /m Screening Class: B Pulling Tension: 33 N									
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**H123A01**		B-328 1640	B-100 500	6.4 32.0	2.9 14.5	0.65 mm Solid BC 72.0 /km* 55.0 /km**	0.114	2.90	Duofoil® + 88 % TC Braid 17.0 /km*** 3.4 mm	0.169	4.30	75	84 %	16.5	54.0	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 m /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 U-820 1640 26240	B-100 U-250 500 8.000	4.0 9.9 19.8 317.5	1.8 4.5 9.0 144.0	0.65 mm Solid BC 92.0 /km* 55.0 /km**	0.114	2.90	Duofoil® + 44 % TC Braid 37.0 /km*** 3.4 mm	0.163	4.15	75	84 %	16.5	54.0	see above		
U 250 m and 500 m put-up available in White only.			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 m /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 1640	B-100 500	3.1 15.4	1.4 7.0	0.4 mm Solid CCS 490.0 /km* 450.0 /km**	0.077	1.95	Duofoil® + 60 % TC Braid 40.0 /km*** 2.1 mm	0.144	3.65	75	80 %	16.8	55.0	5 50 100 230 400 800 862 1000 1350 1750 2150 2400	1.4 3.4 4.6 6.5 9.1 13.2 13.4 14.8 17.2 19.7 22.1 23.4	4.7 11.3 15.3 21.2 30.0 43.3 43.8 48.5 56.5 64.8 72.5 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 m /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.