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
H125D • Solid 1.0 mm Bare Copper • **Duobond Plus®** • 50 % Tinned Copper Shield																			
Gas-Injected Polyethylene Insulation • PE Jacket (Green with White Stripe)																			
70°C	**H125D00**		1640	500	45.2	20.5	1.0 mm	0.189	4.80	Duobond	0.280	7.10	75	80%	16.8	55.0	5	0.5	1.7
			3280	1000	90.4	41.0	Solid BC			Plus®							50	1.4	4.7
							37.0 /km*			+ 50% TC							100	1.9	6.2
							23.0 /km**			Braid							230	3.0	9.8
										14.0 /km***							400	3.9	12.9
										5.6 mm							800	5.7	18.8
																	862	5.9	19.3
Shorting Fold																	1000	6.5	21.2
BTQ		Return loss at	5-470 MHz:	23 dB			Screening attenuation at 30-1000 MHz:		95 dB								1350	7.7	25.1
			470-1000 MHz:	20 dB			Transfer impedance at 5-30 MHz:		5.0 m /m								1750	8.8	29.0
			1000-2000 MHz:	18 dB			Screening Class: A										2150	10.0	32.7
			2000-3000 MHz:	16 dB			Pulling Tension: 60 N										2400	10.6	34.8
CT100C • Solid 1.0 mm Bare Copper • **Copper-Foil** • 53 % Bare Copper Braid																			
5-Cell Polyethylene Insulation • PVC Jacket (Black. Brown and White)																			
70°C	**CT100C0**		328	100	11.5	5.2	1.0 mm	0.185	4.70	Cu-foil	0.262	6.65	75	82%	16.8	55.0	50	1.5	4.6
			820	250	28.7	13.0	Solid BC			+ 53% BC							230	3.0	9.8
			1640	500	57.3	26.0	41.0 /km*			Braid							470	4.6	15.0
							26.0 /km**			15.0 /km***							862	5.9	19.5
										5.35 mm							1000	6.6	21.5
																	1750	8.8	29.0
																	2150	9.9	32.5
		Return loss at	5-470 MHz:	23 dB			Screening attenuation at 30-1000 MHz:		75 dB										
			470-1000 MHz:	20 dB			Transfer impedance at 5-30 MHz:		15.0 m /m										
			1000-2000 MHz:	18 dB			Screening Class: B												
500 m put-up available in Black only.			2000-3000 MHz:	16 dB			Pulling Tension: 55 N												
5-Cell Polyethylene Insulation • PVC RBS Jacket (Black and White)																			
70°C	**CT100C3**		328	100	11.2	5.1	1.0 mm	0.185	4.70	Cu-foil	0.262	6.65	75	82%	16.8	55.0			see above
			820	250	28.1	12.8	Solid BC			+ 53% BC									
			1640	500	56.2	25.5	41.0 /km*			Braid									
			3280	1000	112.4	51.0	26.0 /km**			15.0 /km***									
										5.35 mm									
RBS jacket		Return loss at	5-470 MHz:	23 dB			Screening attenuation at 30-1000 MHz:		75 dB										
			470-1000 MHz:	20 dB			Transfer impedance at 5-30 MHz:		15.0 m /m										
			1000-2000 MHz:	18 dB			Screening Class: B												
			2000-3000 MHz:	16 dB			Pulling Tension: 55 N												
5-Cell Polyethylene Insulation • Black FRNC/LSNH Jacket																			
70°C	**CT100C1**		3280	1000	116.8	53.0	1.0 mm	0.185	4.70	Cu-foil	0.262	6.65	75	82%	16.8	55.0			see above
							Solid BC			+ 53% BC									
							41.0 /km*			Braid									
							26.0 /km**			15.0 /km***									
										5.35 mm									
		Return loss at	5-470 MHz:	23 dB			Screening attenuation at 30-1000 MHz:		75 dB										
			470-1000 MHz:	20 dB			Transfer impedance at 5-30 MHz:		15.0 m /m										
			1000-2000 MHz:	18 dB			Screening Class: B												
			2000-3000 MHz:	16 dB			Pulling Tension: 55 N												
H124A • Solid 1.0 mm Bare Copper • **Duofoil®** • 31 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**H124A00**		B-328	B-100	6.8	3.1	1.0 mm	0.173	4.40	Duofoil®	0.232	5.90	75	84%	16.2	53.0	5	0.6	2.0
			U-820	U-250	17.1	7.8	Solid BC			+ 31% TC							50	1.4	4.5
			1640	500	34.2	15.5	58.0 /km*			Braid							100	2.0	6.4
			16400	5000	341.7	155.0	35.0 /km**			23.0 /km***							230	2.9	9.5
										5.1 mm							400	4.1	13.3
																	800	5.9	19.3
																	862	6.0	19.8
																	1000	6.6	21.8
		Return loss at	5-470 MHz:	23 dB			Screening attenuation at 30-1000 MHz:		75 dB								1350	7.8	25.7
			470-1000 MHz:	20 dB			Transfer impedance at 5-30 MHz:		40.0 m /m								1750	9.1	29.7
			1000-2000 MHz:	18 dB			Screening Class: C										2150	10.2	33.4
			2000-3000 MHz:	16 dB			Pulling Tension: 55 N										2400	10.9	35.6

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper

Duofoil® and Duobond Plus® see technical information page 23.13.