

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.

H126A (RG6) • Solid 1.0 mm Bare Copper • Duobond® II • 70 % Tinned Copper Braid

Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	H126A03		656	200	23.4	10.6	1.0 mm Solid BC 40.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duobond® II + 70% TC Braid 17.0 Ω/km*** 5.25 mm	0.272	6.90	75	82%	16.5	54.0	5	0.5	1.8
		U-820	U-250	29.2	13.3	50									1.4	4.7			
		1640	500	58.4	26.5	100									2.0	6.5			
						230									3.0	9.8			
						400									4.0	13.0			
				800	5.7	18.7													
				862	5.9	19.5													
				1000	6.4	21.1													
				1350	7.6	24.9													
				1750	8.8	28.8													
				2150	9.8	32.2													
				2400	10.5	34.4													
				3000	12.0	39.2													
Return loss at			5-470 MHz: ≥ 20 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB												
			470-1000 MHz: ≥ 18 dB				Transfer impedance at 5-30 MHz: ≤ 25.0 mΩ/m												
			1000-2000 MHz: ≥ 16 dB				Screening Class: C												
			2000-3000 MHz: ≥ 15 dB				Pulling Tension: 55 N												

Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	H126A02		U-820	U-250	25.9	11.8	1.0 mm Solid BC 45.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duobond® II + 50% TC Braid 22.0 Ω/km*** 5.25 mm	0.272	6.90	75	82%	16.5	54.0			see above
Return loss at			5-470 MHz: ≥ 20 dB				Screening attenuation at 30-1000 MHz: ≥ 75 dB												
			470-1000 MHz: ≥ 18 dB				Transfer impedance at 5-30 MHz: ≤ 50.0 mΩ/m												
			1000-2000 MHz: ≥ 16 dB				Screening Class: C												
			2000-3000 MHz: ≥ 15 dB				Pulling Tension: 55 N												

H109C • Solid 1.0 mm Bare Copper • Copper-Foil • 55 % Bare Copper Braid

5-Cell Polyethylene Insulation • PVC Jacket (Black or Brown)																			
70°C	H109C00		820	250	27.0	12.3	1.0 mm Solid BC 41.0 Ω/km* 26.0 Ω/km**	0.185	4.70	Cu-foil + 55% BC Braid 15.0 Ω/km*** 5.2 mm	0.262	6.65	75	80%	17.1	56.0	5	0.5	1.6
		1640	500	54.0	24.5	50									1.4	4.6			
		16400	5000	540.1	245.0	100									2.0	6.5			
						230									3.0	9.8			
						400									4.1	13.3			
				800	5.9	19.2													
				862	5.9	19.5													
				1000	6.6	21.5													
				1750	8.8	29.0													
				2150	9.9	32.5													
				2400	10.6	34.7													
Return loss at			5-470 MHz: ≥ 20 dB				Screening attenuation at 30-1000 MHz: ≥ 75 dB												
			470-1000 MHz: ≥ 18 dB				Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m												
			1000-2000 MHz: ≥ 16 dB				Screening Class: B												
			2000-3000 MHz: ≥ 15 dB				Pulling Tension: 55 N												

5-Cell Polyethylene Insulation • FRNC/LSNH Jacket (Black or White)																			
70°C	H109C02	IEC 332-1	820	250	24.8	11.3	1.0 mm Solid BC 41.0 Ω/km* 26.0 Ω/km**	0.185	4.70	Cu-foil + 55% BC Braid 15.0 Ω/km*** 5.2 mm	0.262	6.65	75	80%	17.1	56.0			see above
Return loss at			5-470 MHz: ≥ 20 dB				Screening attenuation at 30-1000 MHz: ≥ 75 dB												
			470-1000 MHz: ≥ 18 dB				Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m												
			1000-2000 MHz: ≥ 16 dB				Screening Class: B												
			2000-3000 MHz: ≥ 15 dB				Pulling Tension: 55 N												

H125C • Solid 1.0 mm Bare Copper • Copper-Foil • 40 % Bare Copper Braid

Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																		
70°C	H125C01	B-328	B-100	8.6	3.9	1.0 mm Solid BC 41.0 Ω/km* 23.0 Ω/km**	0.189	4.80	Cu-foil + 40% BC Braid 18.0 Ω/km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	5	0.4	1.4
		820	250	21.5	9.8									50	1.3	4.3		
		1640	500	43.0	19.5									100	1.9	6.1		
														230	2.8	9.2		
														400	3.8	12.3		
				800	5.4	17.7												
				862	5.6	18.4												
				1000	6.1	19.9												
				1350	7.1	23.4												
				1750	8.2	27.0												
				2150	9.2	30.2												
				2400	9.8	32.1												
Return loss at			5-470 MHz: ≥ 23 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB											
			470-1000 MHz: ≥ 20 dB				Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m											
			1000-2000 MHz: ≥ 18 dB				Screening Class: B											
			2000-3000 MHz: ≥ 16 dB				Pulling Tension: 55 N											

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper
Duobond® II see technical information page 23.13.