

**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	
<b>H125C • Solid 1.0 mm Bare Copper • Copper-Foil • 40% Bare Copper Braid</b>																				
<b>Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket</b>																				
70°C	H125C04	IEC 332-1	1640	500	49.6	22.5	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	
			Return loss at		5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 55 N											
<b>Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Brown, Crème, Grey or White)</b>																				
70°C	H125C00		B-328 820 1640 3280	B-100 250 500 1000	10.4 25.9 51.8 103.6	4.7 11.8 23.5 47.0	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 0.531	6.80 13.50	75	81%	16.8	55.0	see above			
			Return loss at		5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 55 N											
			Brown, Crème and Grey available in B-100 m only.																	
<b>Gas-Injected Polyethylene Insulation • White PVC Jacket</b>																				
70°C	H125C03		820	250	49.1	22.3	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*** 5.24 mm	0.268 0.531	6.80 13.50	75	81%	16.8	55.0	see above			
			Return loss at		5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 55 N											
			ShotGun																	
<b>H125A • Solid 1.0 mm Bare Copper • Duofoil® • 70% Tinned Copper Braid</b>																				
<b>Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket</b>																				
70°C	H125A08		1640	500	45.2	20.5	1.0 mm Solid BC 41.0 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 70% TC Braid 18.0 Ω/km*** 5.5 mm	0.268	6.80	75	81%	16.8	55.0	5	0.5	1.8	
			Return loss at		5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 55 N											
<b>Gas-Injected Polyethylene Insulation • White FRNC/LSNH Jacket</b>																				
70°C	H125A07	IEC 332-1	B-328 1640	B-100 500	10.8 54.0	4.9 24.5	1.0 mm Solid BC 41.0 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 70% TC Braid 18.0 Ω/km*** 5.5 mm	0.268	6.80	75	81%	16.8	55.0	see above			
			Return loss at		5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 55 N											

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

Duofoil® see technical information page 23.13.