

Broadband Coax

Drop Cables



De- scription	Part No.	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR		Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation			
															pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m	
H125A • Solid 1.0 mm Bare Copper • Duofoil® • 70% Tinned Copper Braid																				
Gas-Injected Polyethylene Insulation • White PVC Jacket																				
70°C	H125A06	B-328 U-820 1640	B-100 U-250 500	10.6 26.5 52.9	4.8 12.0 24.0	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 70% TC Braid 18.0 /km*** 5.5 mm	0.268	6.80	75	81%	16.8	55.0	5 50 100 230 400 800 862 1000	0.5 1.4 2.0 3.0 3.9 5.7 5.9 6.4	1.8 4.7 6.5 9.8 12.9 18.6 19.3 20.9		
						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 m / m Screening Class: B Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																				
70°C	H125A01	B-328 820 1640	B-100 250 500	8.2 20.4 40.8	3.7 9.3 18.5	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 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: 75 dB Transfer impedance at 5-30 MHz: 40.0 m / m Screening Class: C Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																				
70°C	H125A03	IEC 332-1 1640	B-328 B-100 500	9.3 46.3	4.2 21.0	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 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: 75 dB Transfer impedance at 5-30 MHz: 40.0 m / m Screening Class: C Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Brown, Grey or White)																				
70°C	H125A00	B-328 U-820 1640	B-100 U-250 500	9.7 24.3 48.5	4.4 11.0 22.0	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 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: 75 dB Transfer impedance at 5-30 MHz: 40.0 m / m Screening Class: C Pulling Tension: 55 N									
Brown, Crème and Grey available in B-100 m only.																				
Gas-Injected Polyethylene Insulation • Black PVC Jacket																				
70°C	H125A04	820	250	46.8	21.3	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 mm	0.268 0.559	6.80 14.20	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: 40.0 m / m Screening Class: C Pulling Tension: 55 N									
ShotGun																				
Gas-Injected Polyethylene Insulation • Black PE Jacket																				
70°C	H125A02	1640	500	83.8	38.0	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 50% TC Braid 18.0 /km*** 5.4 mm	0.268	6.80 x 12.00	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 m / m Screening Class: B Pulling Tension: 3500 N									
4.4 mm ZP messenger																				

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • ZP = Stranded Zinc-Plated Steel
Duofoil® see technical information page 23.13.