

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.

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 Plus®	0.280	7.10	75	80%	16.8	55.0	5	0.5	1.7
		3280	1000	90.4	41.0	Solid BC										50	1.4	4.7
<p>Shorting Fold</p>																		
<p>BTQ</p> <p>Return loss at 5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB</p> <p>Screening attenuation at 30-1000 MHz: ≥ 95 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 60 N</p>																		

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	28.1	13.0	Solid BC										230	3.0	9.8
		1640	500	57.3	26.0	41.0 Ω/km*										470	4.6	15.0
<p>500 m put-up available in Black only.</p> <p>Return loss at 5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB</p> <p>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</p>																		

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										230	3.0	9.8
		1640	500	56.2	25.5	41.0 Ω/km*										470	4.6	15.0
<p>RBS jacket</p>																		
<p>Return loss at 5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB</p> <p>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</p>																		

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	230	3.0										9.8		
				41.0 Ω/km*	470	4.6										15.0		
<p>Return loss at 5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB</p> <p>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</p>																		

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										50	1.4	4.5
		1640	500	34.2	15.5	58.0 Ω/km*										100	2.0	6.4
<p>Return loss at 5-470 MHz: ≥ 23 dB 470-1000 MHz: ≥ 20 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB</p> <p>Screening attenuation at 30-1000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 40.0 mΩ/m Screening Class: C Pulling Tension: 55 N</p>																		

* 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.