www.CableCon.co.kr 케이블 콘

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. (Ω)	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
CT125C • Solid 1.25 mm Bare Copper • **Copper-Foil** • 51 % Bare Copper Braid																			
5-Cell Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**CT125C1**		820 1640 3280	250 500 1000	31.4 62.8 125.7	14.3 28.5 57.0	1.25 mm Solid BC 28.5 Ω/km* 15.0 Ω/km**	0.217	5.50	Cu-foil + 51 % BC Braid 13.5 Ω/km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0	50 230 470 862 1000 1750 2150	1.1 2.4 3.5 4.7 5.2 6.7 7.9	3.5 7.8 11.6 15.5 17.0 22.0 26.0
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: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 100 N									
5-Cell Polyethylene Insulation • Black RBS Polyethylene Jacket																			
70°C	**CT125C3**		1640 3280	500 1000	88.2 176.4	40.0 80.0	1.25 mm Solid BC 28.5 Ω/km* 15.0 Ω/km**	0.217	5.50	Cu-foil + 51 % BC Braid 13.5 Ω/km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0			see above
RBS jacket																			
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: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 100 N									
5-Cell Polyethylene Insulation • Black PVC Jacket																			
70°C	**CT125C0**		328 820 1640	100 250 500	15.0 37.5 75.0	6.8 17.0 34.0	1.25 mm Solid BC 28.5 Ω/km* 15.0 Ω/km**	0.217	5.50	Cu-foil + 51 % BC Braid 13.5 Ω/km*** 6.2 mm	0.307	7.80	75	81%	16.5	54.0			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: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 100 N									
RG7C • Solid 1.25 mm Bare Copper • **Copper-Foil** • 50 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**RG7C01**		820 1640	250 500	34.4 68.9	15.6 31.3	1.25 mm Solid BC 26.5 Ω/km* 14.5 Ω/km**	0.224	5.70	Cu-foil + 50% BC Braid 12.0 Ω/km*** 6.3 mm	0.319	8.10	75	82%	16.5	54.0	5 50 100 230 400 800 862 1000 1350 1750 2150 2400	0.4 1.0 1.5 2.3 3.1 4.5 4.6 5.0 5.9 6.9 7.7 8.2	1.2 3.4 4.9 7.5 10.1 14.6 15.1 16.5 19.5 22.6 25.3 27.0
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: 90 N									
Gas-Injected Polyethylene Insulation • Black FRNC/LSNH Jacket																			
70°C	**RG7C02**	IEC 332-1	820 1640	250 500	34.4 68.9	15.6 31.3	1.25 mm Solid BC 26.5 Ω/km* 14.5 Ω/km**	0.224	5.70	Cu-foil + 50% BC Braid 12.0 Ω/km*** 6.3 mm	0.319	8.10	75	82%	16.5	54.0			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: 90 N									

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

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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

RG7C • Solid 1.25 mm Bare Copper • **Copper-Foil** • 50 % Bare Copper Braid

Gas-Injected Polyethylene Insulation • Black PVC Jacket

70°C	**RG7C00**	820	250	34.4	15.6	1.25 mm Solid BC 26.5 Ω/km* 14.5 Ω/km**	0.224	5.70	Cu-foil + 50 % BC Braid 12.0 Ω/km*** 6.3 mm	0.319	8.10	75	82 %	16.5	54.0	5	0.5	1.5
		1640	500	68.9	31.3											50	1.1	3.5
																100	1.5	5.0
																230	2.3	7.5
																400	3.1	10.1
																800	4.5	14.6
																862	4.7	15.5
																1000	5.2	17.0
		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: 90 N							1350	5.9	19.5
																1750	6.7	22.0
																2150	7.9	26.0
																2400	8.2	27.0

PRG7C • Solid 1.2 mm Bare Copper • **Copper-Foil** • 40 % Bare Copper Braid

Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)

70°C	**PRG7C01**	820	250	22.6	10.3	1.2 mm Solid BC 34.6 Ω/km* 15.6 Ω/km**	0.213	5.40	Cu-foil + 40 % BC Braid 19.0 Ω/km*** 5.84 mm	0.280	7.10	75	83 %	16.5	54.0	5	0.4	1.2
		1640	500	45.2	20.5											50	1.1	3.6
		3280	1000	90.4	41.0											100	1.6	5.2
																230	2.4	7.9
																400	3.2	10.5
																800	4.6	15.2
																862	4.8	15.8
																1000	5.2	17.1
		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: 80 N							1350	6.1	20.1
																1750	7.1	23.2
																2150	7.9	26.0
250 m put-up available in Black only.																2400	8.4	27.7

Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)

70°C	**PRG7C00**	B-328	B-100	10.4	4.7	1.2 mm Solid BC 34.6 Ω/km* 15.6 Ω/km**	0.213	5.40	Cu-foil + 40 % BC Braid 19.0 Ω/km*** 5.84 mm	0.280	7.10	75	83 %	16.5	54.0				see above
		820	250	25.9	11.8														
		1640	500	51.8	23.5														
		3280	1000	103.4	46.9														
		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: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m Screening Class: B Pulling Tension: 80 N										
1000 m put-up available in Black only.																			

PRG7A • Solid 1.2 mm Bare Copper • **Duofoil®** • 40 % Tinned Copper Braid

Gas-Injected Polyethylene Insulation • Black PVC Jacket

70°C	**PRG7A00**	328	100	9.7	4.4	1.2 mm Solid BC 39.6 Ω/km* 15.6 Ω/km**	0.213	5.40	Duofoil® + 40 % TC Braid 24.0 Ω/km*** 5.84 mm	0.280	7.10	75	83 %	16.5	54.0	5	0.5	1.6
																50	1.2	3.9
																100	1.6	5.4
																230	2.5	8.1
																400	3.3	10.7
																800	4.7	15.5
																862	4.9	16.1
																1000	5.3	17.5
		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: ≤ 39.0 mΩ/m Screening Class: C Pulling Tension: 80 N							1350	6.3	20.6
																1750	7.3	23.8
																2150	8.2	26.8
																2400	8.7	28.6

Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket

70°C	**PRG7A01**	3280	1000	147.7	67.0	1.2 mm Solid BC 39.6 Ω/km* 15.6 Ω/km**	0.213	5.40	Duofoil® + 40 % TC Braid 24.0 Ω/km*** 5.84 mm	0.280	7.10 x 14.00	75	83 %	16.5	54.0				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: ≤ 39.0 mΩ/m Screening Class: C Pulling Tension: 3500 N										
3.6 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.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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

Series 6 • Solid 1.02 mm Copper-Covered Steel • **Duobond® II** • 60 % Aluminum Braid

Gas-Injected Foam Polyethylene Insulation • Black PVC Jacket

80°C	**9116**	NEC:	U-1000	U-305	30.0	13.6	1.016 mm	0.180	4.57	Duobond® II	0.270	6.86	75	83%	16.2	53.1	5	0.5	1.8
		CATV	1000	305	31.1	14.1	Solid CCS			+ 60% AL							55	1.5	4.8
		CM					121.3 Ω/km*			Braid							240	2.8	9.2
		CEC:					91.9 Ω/km**			29.5 Ω/km***							450	3.9	12.7
		CM								5.4 mm							862	5.5	18.0
																	1000	6.0	19.7
																	1450	7.8	25.6
			Return loss at	5-470 MHz: ≥ 23 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB							1800	8.6	28.2
				470-862 MHz: ≥ 20 dB						Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m							2250	9.8	32.2
				862-2150 MHz: ≥ 18 dB						Screening Class: B							3000	11.3	37.1

Series 6 • Solid 1.02 mm Copper-Covered Steel • **Duobond® III** • 60 % Aluminum Braid Shield

Gas-Injected Foam Polyethylene Insulation • Black PVC Jacket

80°C	**9118**	NEC:	U-1000	U-305	30.0	13.6	1.016 mm	0.180	4.57	Duobond® III	0.278	7.06	75	83%	16.2	53.1	see above		
		CATV	1000	305	30.0	13.6	Solid CCS			+ 60% AL									
		CM					113.2 Ω/km*			Braid									
		CEC:					91.9 Ω/km**			Duofoil®									
		CM								21.3 Ω/km***									
										5.4 mm									
			Return loss at	5-470 MHz: ≥ 23 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB									
U-305 m put-up also available in Beige, White and White Neutral.				470-862 MHz: ≥ 20 dB						Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m									
				862-2150 MHz: ≥ 18 dB						Screening Class: B									

RG6D • Solid 1.0 mm Copper-Covered Steel • **Duobond Plus®** • 50 % Tinned Copper Braid

Gas-Injected Polyethylene Insulation • White PVC Jacket

70°C	**RG6D01**		U-820	U-250	27.0	12.3	1.0 mm	0.180	4.57	Duobond	0.272	6.90	75	82%	16.5	54.0	5	0.5	1.8
							Solid CCS			Plus®							50	1.4	4.7
							69.0 Ω/km*			+ 50% TC							100	2.0	6.5
							55.0 Ω/km**			Braid							230	3.0	9.8
										14.0 Ω/km***							400	4.0	13.0
										5.4 mm							800	5.7	18.7
																	862	5.9	19.5
BTQ																	1000	6.4	21.1
			Return loss at	5-470 MHz: ≥ 20 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB							1350	7.6	24.9
				470-1000 MHz: ≥ 18 dB						Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m							1750	8.8	28.8
				1000-2000 MHz: ≥ 16 dB						Screening Class: A							2150	9.8	32.3
				2000-3000 MHz: ≥ 15 dB						Pulling Tension: 570 N							2400	10.5	34.4
																	3000	12.0	39.2

Gas-Injected Polyethylene Insulation • White PVC Jacket

70°C	**RG6D00**		U-820	U-250	25.9	11.8	1.0 mm	0.180	4.57	Duobond	0.272	6.90	75	82%	16.5	54.0	see above		
							Solid CCS			Plus®									
							71.0 Ω/km*			+ 40% TC									
							55.0 Ω/km**			Braid									
										16.0 Ω/km***									
										5.4 mm									
BTT																			
			Return loss at	5-470 MHz: ≥ 20 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB									
				470-1000 MHz: ≥ 18 dB						Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m									
				1000-2000 MHz: ≥ 16 dB						Screening Class: A									
				2000-3000 MHz: ≥ 15 dB						Pulling Tension: 570 N									

RG6A • Solid 1.0 mm Copper-Covered Steel • **Duofoil®** • 40% Tinned Copper Braid

Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)

70°C	**RG6A00**		B-328	B-100	10.6	4.8	1.0 mm	0.180	4.57	Duofoil®	0.272	6.90	75	82%	16.5	54.0	see above		
			U-820	U-250	26.5	12.0	Solid CCS			+ 40% TC									
							131.0 Ω/km*			Braid									
							105.0 Ω/km**			26.0 Ω/km***									
										5.3 mm									
BTQ																			
			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: ≤ 40.0 mΩ/m									
B-100 m put-up available in White only.				1000-2000 MHz: ≥ 16 dB						Screening Class: C									
U-250 m put-up available in Black only				2000-3000 MHz: ≥ 15 dB						Pulling Tension: 570 N									

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • AL = Aluminum • CCS = Copper-Covered Steel
Duofoil®, Duobond® II, Duobond® III and Duobond Plus® see technical information page 23.13.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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
H126D (RG6) • Solid 1.0 mm Bare Copper • **Duobond Plus®** • 50 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**H126D04**		1640	500	44.1	20.0	1.0 mm Solid BC 37.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duobond Plus® + 50 % TC Braid 14.0 Ω/km*** 5.4 mm	0.272	6.90	75	82 %	16.5	54.0	5	0.5	1.8
																	50	1.4	4.7
																	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
BTQ																	1000	6.4	21.1
																	1350	7.6	24.9
			Return loss at	5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m Screening Class: A Pulling Tension: 55 N							1750	8.8	28.8
																	2150	9.8	32.3
																	2400	10.5	34.4
																	3000	12.0	39.2
Gas-Injected Polyethylene Insulation • White FRNC/LSNH Jacket																			
70°C	**H126D03**	IEC 332-3	B-328 U-820 1640	B-100 U-250 500	10.8 27.0 54.0	4.9 12.3 24.5	1.0 mm Solid BC 37.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duobond Plus® + 50 % TC Braid 14.0 Ω/km*** 5.4 mm	0.272	6.90	75	82 %	16.5	54.0			see above
BTQ																			
			Return loss at	5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m Screening Class: A Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																			
70°C	**H126D02**		B-328 U-820 1640	B-100 U-250 500	10.8 27.0 54.0	4.9 12.3 24.5	1.0 mm Solid BC 37.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duobond Plus® + 50 % TC Braid 14.0 Ω/km*** 5.4 mm	0.272	6.90	75	82 %	16.5	54.0			see above
BTQ																			
			Return loss at	5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m Screening Class: A Pulling Tension: 55 N									
500 m put-up available in Black only.																			
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																			
70°C	**H126D00**		B-328 U-820 1640	B-100 U-250 500	10.4 25.9 51.8	4.7 11.8 23.5	1.0 mm Solid BC 39.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duobond Plus® + 40 % TC Braid 16.0 Ω/km*** 5.4 mm	0.272	6.90	75	82 %	16.5	54.0			see above
BTT																			
			Return loss at	5-470 MHz: ≥ 20 dB 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m Screening Class: A Pulling Tension: 55 N									
H126A (RG6) • Solid 1.0 mm Bare Copper • **Duofoil®** • 35 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																			
70°C	**H126A00**		B-328 U-820 984 1640	B-100 U-250 300 500	10.6 26.5 31.7 53.5	4.8 12.0 14.4 24.3	1.0 mm Solid BC 49.0 Ω/km* 23.0 Ω/km**	0.180	4.57	Duofoil® + 35 % TC Braid 26.0 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 470-1000 MHz: ≥ 18 dB 1000-2000 MHz: ≥ 16 dB 2000-3000 MHz: ≥ 15 dB						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									
B-100 m put-up available in White only.																			

* 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.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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

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; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB
Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 25.0 mΩ/m; Screening Class: C; 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; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB
Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 50.0 mΩ/m; Screening Class: C; 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

250 m put-up available in Brown only.
500 m put-up available in Black only.

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB
Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m; Screening Class: B; 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; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB
Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m; Screening Class: B; 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; 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
Duobond® II see technical information page 23.13.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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
H125C • Solid 1.0 mm Bare Copper • **Copper-Foil** • 40 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
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
																	50	1.3	4.3
																	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 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									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Brown, Crème, Grey or White)																			
70°C	**H125C00**		B-328	B-100	10.4	4.7	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	see above		
			820	250	25.9	11.8													
			1640	500	51.8	23.5													
			3280	1000	103.6	47.0													
			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.																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
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																			
H125A • Solid 1.0 mm Bare Copper • **Duofoil®** • 70 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																			
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
																	50	1.4	4.7
																	100	2.0	6.5
																	230	3.0	9.8
																	400	3.9	12.9
																	800	5.7	18.6
																	862	5.9	19.3
																	1000	6.4	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 mΩ/m Screening Class: B Pulling Tension: 55 N							1350 1750 2150 2400	7.5 8.7 9.7 10.4	24.6 28.4 31.9 34.0
Gas-Injected Polyethylene Insulation • White FRNC/LSNH Jacket																			
70°C	**H125A07**	IEC 332-1	B-328	B-100	10.8	4.9	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		
			1640	500	54.0	24.5													
			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.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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
H125A • Solid 1.0 mm Bare Copper • **Duofoil®** • 70 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**H125A06**		B-328	B-100	10.6	4.8	1.0 mm	0.189	4.80	Duofoil®	0.268	6.80	75	81%	16.8	55.0	5	0.5	1.8
			U-820	U-250	26.5	12.0	Solid BC			+ 70% TC							50	1.4	4.7
			1640	500	52.9	24.0	41.0 Ω/km*			Braid							100	2.0	6.5
							23.0 Ω/km**			18.0 Ω/km***							230	3.0	9.8
										5.5 mm							400	3.9	12.9
																	800	5.7	18.6
																	862	5.9	19.3
																	1000	6.4	20.9
			Return loss at 5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1000 MHz: ≥ 85 dB							1350	7.5	24.6
			470-1000 MHz: ≥ 20 dB							Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m							1750	8.7	28.4
			1000-2000 MHz: ≥ 18 dB							Screening Class: B							2150	9.7	31.9
			2000-3000 MHz: ≥ 16 dB							Pulling Tension: 55 N							2400	10.4	34.0
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**H125A01**		B-328	B-100	8.2	3.7	1.0 mm	0.189	4.80	Duofoil®	0.268	6.80	75	81%	16.8	55.0	see above		
			820	250	20.4	9.3	Solid BC			+ 40% TC									
			1640	500	40.8	18.5	50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.4 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: ≤ 40.0 mΩ/m									
			1000-2000 MHz: ≥ 18 dB							Screening Class: C									
			2000-3000 MHz: ≥ 16 dB							Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**H125A03**	IEC 332-1	B-328	B-100	9.3	4.2	1.0 mm	0.189	4.80	Duofoil®	0.268	6.80	75	81%	16.8	55.0	see above		
			1640	500	46.3	21.0	Solid BC			+ 40% TC									
							50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.4 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: ≤ 40.0 mΩ/m									
			1000-2000 MHz: ≥ 18 dB							Screening Class: C									
			2000-3000 MHz: ≥ 16 dB							Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Brown, Grey or White)																			
70°C	**H125A00**		B-328	B-100	9.7	4.4	1.0 mm	0.189	4.80	Duofoil®	0.268	6.80	75	81%	16.8	55.0	see above		
			U-820	U-250	24.3	11.0	Solid BC			+ 40% TC									
			1640	500	48.5	22.0	50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.4 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: ≤ 40.0 mΩ/m									
			1000-2000 MHz: ≥ 18 dB							Screening Class: C									
Brown, Crème and Grey available in B-100 m only.			2000-3000 MHz: ≥ 16 dB							Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • Black PVC Jacket																			
70°C	**H125A04**		820	250	46.8	21.3	1.0 mm	0.189	4.80	Duofoil®	0.268	6.80	75	81%	16.8	55.0	see above		
							Solid BC			+ 40% TC	0.559	14.20							
							50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.4 mm									
			Return loss at 5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1000 MHz: ≥ 75 dB									
			470-1.000 MHz: ≥ 20 dB							Transfer impedance at 5-30 MHz: ≤ 40.0 mΩ/m									
			1000-2000 MHz: ≥ 18 dB							Screening Class: C									
ShotGun			2000-3000 MHz: ≥ 16 dB							Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • Black PE Jacket																			
70°C	**H125A02**		1640	500	83.8	38.0	1.0 mm	0.189	4.80	Duofoil®	0.268	6.80	75	81%	16.8	55.0	see above		
							Solid BC			+ 50% TC		x							
							41.0 Ω/km*			Braid		12.00							
							23.0 Ω/km**			18.0 Ω/km***									
										5.4 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 mΩ/m									
			1000-2000 MHz: ≥ 18 dB							Screening Class: B									
4.4 mm ZP messenger			2000-3000 MHz: ≥ 16 dB							Pulling Tension: 3500 N									

* 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.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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 Solid BC 37.0 Ω/km* 23.0 Ω/km**	0.189	4.80	Duobond Plus® + 50% TC Braid 14.0 Ω/km*** 5.6 mm	0.280	7.10	75	80%	16.8	55.0	5	0.5	1.7
			3280	1000	90.4	41.0											50	1.4	4.7
																	100	1.9	6.2
																	230	3.0	9.8
																	400	3.9	12.9
																	800	5.7	18.8
																	862	5.9	19.3
																	1000	6.5	21.2
																	1350	7.7	25.1
																	1750	8.8	29.0
																	2150	10.0	32.7
																	2400	10.6	34.8

Shorting Fold

BTQ

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: ≥ 95 dB
Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m
Screening Class: A
Pulling Tension: 60 N

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 Solid BC 41.0 Ω/km* 26.0 Ω/km**	0.185	4.70	Cu-foil + 53% BC Braid 15.0 Ω/km*** 5.35 mm	0.262	6.65	75	82%	16.8	55.0	50	1.5	4.6
			820	250	28.7	13.0											230	3.0	9.8
			1640	500	57.3	26.0											470	4.6	15.0
																	862	5.9	19.5
																	1000	6.6	21.5
																	1750	8.8	29.0
																	2150	9.9	32.5

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

500 m put-up available in Black only.

5-Cell Polyethylene Insulation • PVC RBS Jacket (Black and White)

70°C	**CT100C3**		328	100	11.2	5.1	1.0 mm Solid BC 41.0 Ω/km* 26.0 Ω/km**	0.185	4.70	Cu-foil + 53% BC Braid 15.0 Ω/km*** 5.35 mm	0.262	6.65	75	82%	16.8	55.0			see above
			820	250	28.1	12.8													
			1640	500	56.2	25.5													
			3280	1000	112.4	51.0													

RBS jacket

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

5-Cell Polyethylene Insulation • Black FRNC/LSNH Jacket

70°C	**CT100C1**		3280	1000	116.8	53.0	1.0 mm Solid BC 41.0 Ω/km* 26.0 Ω/km**	0.185	4.70	Cu-foil + 53% BC Braid 15.0 Ω/km*** 5.35 mm	0.262	6.65	75	82%	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

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 Solid BC 58.0 Ω/km* 35.0 Ω/km**	0.173	4.40	Duofoil® + 31% TC Braid 23.0 Ω/km*** 5.1 mm	0.232	5.90	75	84%	16.2	53.0	5	0.6	2.0
			U-820	U-250	17.1	7.8											50	1.4	4.5
			1640	500	34.2	15.5											100	2.0	6.4
			16400	5000	341.7	155.0											230	2.9	9.5
																	400	4.1	13.3
																	800	5.9	19.3
																	862	6.0	19.8
																	1000	6.6	21.8
																	1350	7.8	25.7
																	1750	9.1	29.7
																	2150	10.2	33.4
																	2400	10.9	35.6

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 mΩ/m
Screening Class: C
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® and Duobond Plus® see technical information page 23.13.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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

H121C • Solid 0.8 mm Bare Copper • **Copper-Foil** • 45 % Bare Copper Braid

Gas-Injected Polyethylene Insulation • White PVC Jacket

70°C	**H121C00**		B-328	B-100	6.0	2.7	0.8 mm Solid BC 59.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Cu-foil + 45% BC Braid 24.0 Ω/km*** 4.1 mm	0.197	5.00	75	84%	16.2	53.0	5	0.5	1.7
			1640	500	29.8	13.5											50	1.6	5.3
																	100	2.3	7.5
																	230	3.5	11.4
																	400	4.6	15.1
																	800	6.6	21.7
																	862	6.9	22.6
																	1000	7.5	24.5
																	1350	8.8	28.7
																	1750	10.1	33.0
																	2150	11.3	36.9
																	2400	12.0	39.2

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB

Screening attenuation at 30-1000 MHz: ≥ 80 dB; Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m; Screening Class: B; Pulling Tension: 40 N

H121A • Solid 0.8 mm Bare Copper • **Duofoil®** • 75 % Tinned Copper Braid

Gas-Injected Polyethylene Insulation • White PVC Jacket

70°C	**H121A03**		B-328	B-100	6.4	2.9	0.8 mm Solid BC 55.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Duofoil® + 75% TC Braid 20.0 Ω/km*** 4.1 mm	0.197	5.00	75	84%	16.2	53.0	5	0.7	2.3
			U-984	U-300	19.2	8.7											50	1.8	5.9
			1640	500	32.0	14.5											100	2.5	8.1
																	230	3.7	12.1
																	400	4.8	15.9
																	800	6.9	22.7
H121B																	862	7.2	23.6
																	1000	7.8	25.6
																	1350	9.1	30.0
																	1750	10.5	34.5
																	2150	11.8	38.6
																	2400	12.5	41.0

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB

Screening attenuation at 30-1000 MHz: ≥ 100 dB; Transfer impedance at 5-30 MHz: ≤ 4.2 mΩ/m; Screening Class: A; Pulling Tension: 45 N

Gas-Injected Polyethylene Insulation • White FRNC/LSNH Jacket

70°C	**H121A04**	IEC 332-1	B-328	B-100	7.3	3.3	0.8 mm Solid BC 55.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Duofoil® + 75% TC Braid 20.0 Ω/km*** 4.1 mm	0.197	5.00	75	84%	16.2	53.0	see above		
			1640	500	36.4	16.5													
H121B																			

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB

Screening attenuation at 30-1000 MHz: ≥ 100 dB; Transfer impedance at 5-30 MHz: ≤ 4.2 mΩ/m; Screening Class: A; Pulling Tension: 45 N

H121A • Solid 0.8 mm Bare Copper • **Duofoil®** • 40 % Tinned Copper Braid

Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket

70°C	**H121A01**		1640	500	22.0	10.0	0.8 mm Solid BC 75.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Duofoil® + 40% TC Braid 40.0 Ω/km*** 4.1 mm	0.197	5.00	75	84%	16.2	53.0	see above		
			3280	1000	44.1	20.0													

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB

Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 33.0 mΩ/m; Screening Class: C; Pulling Tension: 40 N

Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)

70°C	**H121A00**		B-328	B-100	6.4	2.9	0.8 mm Solid BC 75.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Duofoil® + 40% TC Braid 40.0 Ω/km*** 4.1 mm	0.197	5.00	75	84%	16.2	53.0	see above		
			820	250	16.0	7.3													
			1640	500	32.0	14.5													

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB

Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 33.0 mΩ/m; Screening Class: C; Pulling Tension: 40 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.

www.CableCon.co.kr 케이블 콘

www.CableCon.co.kr 케이블 콘

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. (Ω)	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
H121A • Solid 0.8 mm Bare Copper • **Duofoil®** • 40 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**H121A02**	C-328	C-100	11.0	5.0	0.8 mm Solid BC 75.0 Ω/km* 35.0 Ω/km**	0.138	3.50	Duofoil® + 40% TC Braid 40.0 Ω/km*** 4.1 mm	0.197 0.417	5.00 10.60	75	84%	16.2	53.0	5	0.7	2.3
																50	1.8	5.9
																100	2.5	8.1
																230	3.7	12.1
																400	4.8	15.9
																800	6.9	22.7
																862	7.2	23.6
ShotGun		Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB								Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 33.0 mΩ/m; Screening Class: C; Pulling Tension: 40 N							1000	7.8	25.6
																1350	9.1	30.0
																1750	10.5	34.5
																2150	11.8	38.6
																2400	12.5	41.0
H123A • Solid 0.65 mm Bare Copper • **Duofoil®** • 88 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • FRNC/LSNH Jacket (White or Black)																			
70°C	**H123A02**	IEC 332-1	1640	500	30.9	14.0	0.65 mm Solid BC 72.0 Ω/km* 55.0 Ω/km**	0.114	2.90	Duofoil® + 88% TC Braid 17.0 Ω/km*** 3.4 mm	0.169	4.30	75	84%	16.5	54.0	5	0.8	2.7
																	50	2.1	7.0
																	100	3.0	9.7
																	230	4.4	14.5
																	400	5.8	19.1
																	800	8.3	27.3
																	862	8.6	28.3
																	1000	9.3	30.6
		Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB								Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m; Screening Class: B; Pulling Tension: 33 N							1350	10.9	35.9
																	1750	12.6	41.2
																	2150	14.0	46.0
																	2400	14.9	48.9
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**H123A01**		B-328	B-100	6.4	2.9	0.65 mm Solid BC 72.0 Ω/km* 55.0 Ω/km**	0.114	2.90	Duofoil® + 88% TC Braid 17.0 Ω/km*** 3.4 mm	0.169	4.30	75	84%	16.5	54.0			see above
			1640	500	32.0	14.5													
		Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB								Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m; Screening Class: B; Pulling Tension: 33 N									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Blue, Green, Red or White)																			
70°C	**H123A00**		B-328	B-100	4.0	1.8	0.65 mm Solid BC 92.0 Ω/km* 55.0 Ω/km**	0.114	2.90	Duofoil® + 44% TC Braid 37.0 Ω/km*** 3.4 mm	0.163	4.15	75	84%	16.5	54.0			see above
			U-820	U-250	9.9	4.5													
			1640	500	19.8	9.0													
			26240	8.000	317.5	144.0													
U 250 m and 500 m put-up available in White only.		Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB								Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 37.0 mΩ/m; Screening Class: C; Pulling Tension: 33 N									
H122A • Solid 0.4 mm Copper-Covered Steel • **Duofoil®** • 60 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**H122A00**		B-328	B-100	3.1	1.4	0.4 mm Solid CCS 490.0 Ω/km* 450.0 Ω/km**	0.077	1.95	Duofoil® + 60% TC Braid 40.0 Ω/km*** 2.1 mm	0.144	3.65	75	80%	16.8	55.0	5	1.4	4.7
			1640	500	15.4	7.0											50	3.4	11.3
																	100	4.6	15.3
																	230	6.5	21.2
																	400	9.1	30.0
																	800	13.2	43.3
																	862	13.4	43.8
		Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB; 1000-2000 MHz: ≥ 16 dB; 2000-3000 MHz: ≥ 15 dB								Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 25.0 mΩ/m; Screening Class: C; Pulling Tension: 40 N							1000	14.8	48.5
																	1350	17.2	56.5
																	1750	19.7	64.8
																	2150	22.1	72.5
																	2400	23.4	76.9

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • CCS = Copper-Covered Steel

Duofoil® see technical information page 23.13.

www.CableCon.co.kr 케이블 콘