케이블 콘(주) www.CableCon.co.kr 02-744-0700

Broadband Coax
Distribution 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 11 • 14 AWG • Solid 1.63 mm Copper-Covered Steel • **Duobond® II** • 60 % Aluminum Braid																			
Gas-Injected Foam Polyethylene Insulation • PVC Jacket (Black and White)																			
80°C	**1523A**	NEC: CATV CM CEC: CM	1000	305	67.0	30.4	1.63 mm 14 AWG Solid CCS 49.6 Ω/km* 36.1 Ω/km**	0.280	7.11	Duobond® II + 60 % AL Braid 13.4 Ω/km*** 7.98 mm	0.400	10.16	75	83 %	16.2	53.1	5 55 240 450 862 1000 1450 1800 2250 3000	0.3 0.9 1.8 2.5 3.5 3.8 5.0 5.7 6.5 8.0	1.1 3.0 5.8 8.0 11.4 12.4 16.4 18.7 21.3 26.3
			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2150 MHz: ≥ 18 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 1156 N Sweep tested. 5 MHz to 1 GHz.									
80°C Aerial	**1524AM**		1000	305	90.0	40.8	1.63 mm 14 AWG Solid CCS 49.6 Ω/km* 36.1 Ω/km**	0.280	7.11	Duobond® II + 60 % AL Braid 13.4 Ω/km*** 7.98 mm	0.400 x 0.580	10.16 x 14.73	75	83 %	16.2	53.1	see above		
			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2150 MHz: ≥ 18 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 2400 N Sweep tested. 5 MHz to 1 GHz.									
1.83 mm galvanized steel messenger																			
Gas-Injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
80°C Burial	**1525A**		1000	305	60.2	27.3	1.63 mm 14 AWG Solid CCS 49.6 Ω/km* 36.1 Ω/km**	0.280	7.11	Duobond® II + 60 % AL Braid 13.4 Ω/km*** 7.98 mm	0.400	10.16	75	83 %	16.2	53.1	see above		
Core Guard®			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2150 MHz: ≥ 18 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 1156 N Sweep tested. 5 MHz to 1 GHz.									
PRG11C • Solid 1.55 mm Bare Copper • **Copper-Foil** • 50 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**PRG11C0**		820 1640 3280	250 500 1000	37.5 75.0 149.9	17.0 34.0 68.0	1.55 mm Solid BC 20.0 Ω/km* 9.4 Ω/km**	0.285	7.25	Cu-foil + 50 % BC Braid 10.6 Ω/km*** 7.9 mm	0.398	10.10	75	81 %	16.8	55.0	5 50 230 470 862 1000 1350 1750 2150 2400 3000	0.3 0.9 1.8 2.7 3.7 4.1 4.9 5.7 6.4 6.9 7.8	0.9 2.8 6.0 8.8 12.2 13.6 16.1 18.7 21.1 22.5 25.7
			Return loss at	5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 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: 225 N									
1000 m put-up available in Black only.																			
70°C	**PRG11C6**		820 1640 3280	250 500 1000	63.4 126.8 253.5	28.8 57.5 115.0	1.55 mm Solid BC 20.0 Ω/km* 9.4 Ω/km**	0.285	7.25	Cu-foil + 50 % BC Braid 10.6 Ω/km*** 7.9 mm	0.398	10.10 x 16.20	75	81 %	16.8	55.0	see above		
			Return loss at	5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 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: 4600 N									
Available in Black. 4.6 mm ZP messenger																			

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • CCS = Copper-Covered Steel • AL = Aluminum • ZP = Stranded Zinc-Plated Steel

Duobond® II see technical information page 23.13.

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