Broadband Coax

Trunk 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
Coax 3C • Solid 3.38 mm Bare Copper • **Copper-Foil** • 60 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX3C0**		2296	700	496.9	225.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60 % BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80	75	84 %	16.5	54.0	5	0.1	0.4
			3444	1050	745.4	338.1											50	0.4	1.3
																	100	0.5	1.8
																	230	0.9	2.9
																	400	1.2	3.9
																	800	1.7	5.7
 FB20																	862	1.8	5.9
																	1000	2.0	6.5
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1200 N								1350	2.3	7.7
																	1750	2.7	9.0
																	2150	3.1	10.2
																	2400	3.3	10.9
70°C	**CX3C3**		2296	700	626.5	284.2	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60 % BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80 x 30.00	75	84 %	16.5	54.0			see above
 FB20																			
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 6000 N										
Available in Black. 7.2 mm ZP messenger																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**CX3C2**	IEC 332-1	2296	700	620.4	281.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60 % BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80	75	84 %	16.5	54.0			see above
 FB20																			
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1200 N										
Coax 3C • Solid 3.38 mm Bare Copper • **Copper-Foil**																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX3C1**		2296	700	419.8	190.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil 2.6 Ω/km*** 15.3 mm	0.709	18.00	75	84 %	16.5	54.0			see above
			3444	1050	629.6	285.6													
 FB18																			
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1200 N										

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

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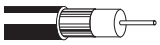
Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. 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
Coax 3.5A • Solid 3.15 mm Copper-Clad Aluminium • Welded Aluminum Tube																			
Gas-Injected Foam Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**YE00131**		3280	1000	282.2	128.0	3.15 mm Solid CCA 5.55 Ω/km* 3.5 Ω/km**	0.513	13.03	Welded Aluminum Tube 2.05 Ω/km*** 13.72 mm	0.610	15.50	75	88%	15.2	50.0	5 50 100 200 400 862 1000	0.1 0.5 0.6 1.0 1.4 2.1 2.3	0.5 1.5 2.1 3.1 4.5 6.9 7.4
																			
Flooded			Return loss at		30-450 MHz: ≥ 30 dB 450-600 MHz: ≥ 28 dB 600-1000 MHz: ≥ 26 dB					Screening attenuation at 50-2150 MHz: ≥ 100 dB									
70°C	**YE00132**		3280	1000	407.9	185.0	3.15 mm Solid CCA 5.55 Ω/km* 3.5 Ω/km**	0.513	13.03	Welded Aluminum Tube 2.05 Ω/km*** 13.72 mm	0.610	15.50	75	88%	15.2	50.0	see above		
																			
2.75 mm Steel Wire messenger			Return loss at		30-450 MHz: ≥ 30 dB 450-600 MHz: ≥ 28 dB 600-1000 MHz: ≥ 26 dB					Screening attenuation at 50-2150 MHz: ≥ 100 dB									

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • CCA = Copper-Clad Aluminum

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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
Coax 4C • Solid 2.23 mm Bare Copper • **Copper-Foil** • 60 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX4C0**		1640	500	183.0	83.0	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil + 60 % BC Braid 4.5 Ω/km*** 11.0 mm	0.543	13.80	75	82 %	16.5	54.0	5	0.2	0.6
			3280	1000	366.0	166.0											50	0.6	1.9
																	100	0.9	2.8
																	230	1.3	4.4
																	400	1.8	5.9
																	800	2.7	8.8
																	862	2.8	9.2
																	1000	3.0	10.0
																	1350	3.6	11.9
																	1750	4.2	13.9
																	2150	4.8	15.7
																	2400	5.1	16.8
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N										
70°C	**CX4C3**		1640	500	248.0	112.5	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil + 60 % BC Braid 4.5 Ω/km*** 11.0 mm	0.543	13.80 x 21.50	75	82 %	16.5	54.0			see above
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 6000 N										
Available in Black. 5.8 mm ZP messenger																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**CX4C2**	IEC 332-1	1640	500	211.6	96.0	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil + 60 % BC Braid 4.5 Ω/km*** 11.0 mm	0.543	13.80	75	82 %	16.5	54.0			see above
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N										
Coax 4C • Solid 2.23 mm Bare Copper • **Copper-Foil**																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX4C1**		1640	500	177.5	80.5	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil 4.5 Ω/km*** 10.6 mm	0.543	13.80	75	82 %	16.5	54.0			see above
			3280	1000	354.9	161.0													
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 600 N										

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

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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
CT167C • Solid 1.67 mm Bare Copper • **Copper-Foil** • 55 % Bare Copper Braid																			
5-Cell Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**CT167C1**		328	100	24.5	11.1	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	5	0.3	0.9
			820	250	61.2	27.8											50	0.9	2.8
																	230	1.8	6.0
																	470	2.9	9.4
																	862	3.8	12.6
																	1000	4.3	14.0
																	1350	5.0	16.3
																	1750	5.9	19.2
																	2150	6.7	21.9
																	2400	7.1	23.2
																	3000	8.0	26.1
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 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: 300 N									
5-Cell Polyethylene Insulation • Black RBS Polyethylene Jacket																			
70°C	**CT167C3**		820	250	63.4	28.8	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	see above		
RBS jacket			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 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: 300 N									
5-Cell Polyethylene Insulation • Black PVC Jacket																			
70°C	**CT167C0**		820	250	52.4	23.8	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	see above		
			1640	500	104.7	47.5													
			3280	1000	209.4	95.0													
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 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: 300 N									
5-Cell Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**CT167C2**	IEC 322-1	820	250	52.4	23.8	1.67 mm Solid BC 15.0 Ω/km* 8.5 Ω/km**	0.287	7.28	Cu-foil + 55% BC Braid 6.5 Ω/km*** 8.1 mm	0.398	10.10	75	81%	16.5	54.0	see above		
			1640	500	104.7	47.5													
			3280	1000	209.4	95.0													
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 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: 300 N									

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

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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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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
PRG11C • Solid 1.55 mm Bare Copper • **Copper-Foil** • 50 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**PRG11C2**	IEC 332-1	820	250	45.2	20.5	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	0.3	0.9
			1640	500	90.4	41.0											50	0.9	2.8
																	230	1.8	6.0
																	470	2.7	8.8
																	862	3.7	12.2
																	1000	4.1	13.6
																	1350	4.9	16.1
																	1750	5.7	18.7
																	2150	6.4	21.1
																	2400	6.9	22.5
																	3000	7.8	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									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																			
70°C	**PRG11C4**		820	250	44.6	20.3	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	see above		
			1640	500	89.3	40.5													
			3280	1000	178.6	81.0													
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.																			
PRG11A • Solid 1.55 mm Bare Copper • **Duofoil®** • 50 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**PRG11A3**		1640	500	67.2	30.5	1.55 mm Solid BC 22.2 Ω/km* 9.4 Ω/km**	0.285	7.25	Duofoil® + 50% TC Braid 12.8 Ω/km*** 7.9 mm	0.398	10.10	75	81%	16.8	55.0	5	0.3	0.9
																	50	0.9	2.9
																	230	2.0	6.4
																	470	2.8	9.3
																	862	4.0	13.0
																	1000	4.3	14.2
																	1350	5.1	16.8
																	1750	5.9	19.5
																	2150	6.7	21.9
																	2400	7.1	23.4
																	3000	8.1	26.7
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									
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	**PRG11A2**		1640	500	86.0	39.0	1.55 mm Solid BC 22.2 Ω/km* 9.4 Ω/km**	0.285	7.25	Duofoil® + 50% TC Braid 12.8 Ω/km*** 7.9 mm	0.398	10.10	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: 225 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.

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PRG11D • Solid 1.55 mm Bare Copper • **Duobond Plus®** • 50 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																			
70°C	**PRG11D3**		820	250	34.7	15.8	1.55 mm Solid BC 18.9 Ω/km* 9.4 Ω/km**	0.285	7.25	Duobond Plus® + 50 % TC Braid 9.5 Ω/km*** 8.1 mm	0.398	10.10	75	81 %	16.8	55.0	5	0.3	0.9
			1640	500	69.4	31.5											50	0.9	2.8
 BTQ																	230	1.9	6.2
																	470	2.8	9.1
																	862	3.9	12.7
																	1000	4.2	13.9
																	1350	5.0	16.5
			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: ≥ 105 dB; Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m; Screening Class: A+; Pulling Tension: 250 N							1750	5.8	19.0
																	2150	6.4	21.1
																	2400	6.9	22.5
																	3000	7.7	25.2
Gas-Injected Polyethylene Insulation • Black FRNC/LSNH Jacket																			
70°C	**PRG11D1**	IEC 332-1	1640	500	97.0	44.0	1.55 mm Solid BC 16.4 Ω/km* 9.4 Ω/km**	0.285	7.25	Duobond Plus® + 70 % TC Braid 7.0 Ω/km*** 8.1 mm	0.398	10.10	75	81 %	16.8	55.0			see above
 BTQ																			
			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: ≥ 105 dB; Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m; Screening Class: A+; Pulling Tension: 250 N									
Gas-Injected Polyethylene Insulation • Black PVC Jacket																			
70°C	**PRG11D0**		1640	500	83.8	38.0	1.55 mm Solid BC 18.9 Ω/km* 9.4 Ω/km**	0.285	7.25	Duobond Plus® + 50 % TC Braid 9.5 Ω/km*** 8.1 mm	0.398	10.10	75	81 %	16.8	55.0			see above
 BTQ																			
			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: ≥ 105 dB; Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m; Screening Class: A+; Pulling Tension: 250 N									

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

Duobond Plus® see technical information page 23.13.

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	250	31.4	14.3	1.25 mm	0.217	5.50	Cu-foil	0.307	7.80	75	81%	16.5	54.0	50	1.1	3.5
			1640	500	62.8	28.5	Solid BC			+ 51% BC							230	2.4	7.8
			3280	1000	125.7	57.0	28.5 Ω/km*			Braid							470	3.5	11.6
							15.0 Ω/km**			13.5 Ω/km***							862	4.7	15.5
										6.2 mm							1000	5.2	17.0
																	1750	6.7	22.0
																	2150	7.9	26.0
		Return loss at	5-470 MHz: ≥ 23 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB												
			470-1000 MHz: ≥ 20 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m												
			1000-2000 MHz: ≥ 18 dB				Screening Class: A												
			2000-3000 MHz: ≥ 16 dB				Pulling Tension: 100 N												
5-Cell Polyethylene Insulation • Black RBS Polyethylene Jacket																			
70°C	**CT125C3**		1640	500	88.2	40.0	1.25 mm	0.217	5.50	Cu-foil	0.307	7.80	75	81%	16.5	54.0	see above		
			3280	1000	176.4	80.0	Solid BC			+ 51% BC									
							28.5 Ω/km*			Braid									
							15.0 Ω/km**			13.5 Ω/km***									
										6.2 mm									
RBS jacket		Return loss at	5-470 MHz: ≥ 23 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB												
			470-1000 MHz: ≥ 20 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m												
			1000-2000 MHz: ≥ 18 dB				Screening Class: A												
			2000-3000 MHz: ≥ 16 dB				Pulling Tension: 100 N												
5-Cell Polyethylene Insulation • Black PVC Jacket																			
70°C	**CT125C0**		328	100	15.0	6.8	1.25 mm	0.217	5.50	Cu-foil	0.307	7.80	75	81%	16.5	54.0	see above		
			820	250	37.5	17.0	Solid BC			+ 51% BC									
			1640	500	75.0	34.0	28.5 Ω/km*			Braid									
							15.0 Ω/km**			13.5 Ω/km***									
										6.2 mm									
		Return loss at	5-470 MHz: ≥ 23 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB												
			470-1000 MHz: ≥ 20 dB				Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m												
			1000-2000 MHz: ≥ 18 dB				Screening Class: A												
			2000-3000 MHz: ≥ 16 dB				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	250	34.4	15.6	1.25 mm	0.224	5.70	Cu-foil	0.319	8.10	75	82%	16.5	54.0	5	0.4	1.2
			1640	500	68.9	31.3	Solid BC			+ 50% BC							50	1.0	3.4
							26.5 Ω/km*			Braid							100	1.5	4.9
							14.5 Ω/km**			12.0 Ω/km***							230	2.3	7.5
										6.3 mm							400	3.1	10.1
																	800	4.5	14.6
																	862	4.6	15.1
		Return loss at	5-470 MHz: ≥ 23 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB										1000	5.0	16.5
			470-1000 MHz: ≥ 20 dB				Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m										1350	5.9	19.5
			1000-2000 MHz: ≥ 18 dB				Screening Class: B										1750	6.9	22.6
			2000-3000 MHz: ≥ 16 dB				Pulling Tension: 90 N										2150	7.7	25.3
																	2400	8.2	27.0
Gas-Injected Polyethylene Insulation • Black FRNC/LSNH Jacket																			
70°C	**RG7C02**	IEC 332-1	820	250	34.4	15.6	1.25 mm	0.224	5.70	Cu-foil	0.319	8.10	75	82%	16.5	54.0	see above		
			1640	500	68.9	31.3	Solid BC			+ 50% BC									
							26.5 Ω/km*			Braid									
							14.5 Ω/km**			12.0 Ω/km***									
										6.3 mm									
		Return loss at	5-470 MHz: ≥ 23 dB				Screening attenuation at 30-1000 MHz: ≥ 85 dB												
			470-1000 MHz: ≥ 20 dB				Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m												
			1000-2000 MHz: ≥ 18 dB				Screening Class: B												
			2000-3000 MHz: ≥ 16 dB				Pulling Tension: 90 N												

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

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
																1350	5.9	19.5
																1750	6.7	22.0
																2150	7.9	26.0
																2400	8.2	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

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
																1350	6.1	20.1
																1750	7.1	23.2
																2150	7.9	26.0
																2400	8.4	27.7

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

250 m put-up available in Black only.

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
																1350	6.3	20.6
																1750	7.3	23.8
																2150	8.2	26.8
																2400	8.7	28.6

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: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 39.0 mΩ/m; Screening Class: C; Pulling Tension: 80 N

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.

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
																	1350	7.6	24.9
			Return loss at	5-470 MHz: ≥ 20 dB						Screening attenuation at 30-1000 MHz: ≥ 100 dB							1750	8.8	28.8
				470-1000 MHz: ≥ 18 dB						Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m							2150	9.8	32.3
				1000-2000 MHz: ≥ 16 dB						Screening Class: A							2400	10.5	34.4
				2000-3000 MHz: ≥ 15 dB						Pulling Tension: 570 N							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. U-250 m put-up available in Black only				1000-2000 MHz: ≥ 16 dB						Screening Class: C									
				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.

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 1640	B-100 500	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 1640	B-100 500	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 1640	B-100 500	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.

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	0.180	4.57	Duobond® II	0.272	6.90	75	82%	16.5	54.0	5	0.5	1.8
			U-820	U-250	29.2	13.3	Solid BC			+ 70% TC							50	1.4	4.7
			1640	500	58.4	26.5	40.0 Ω/km*			Braid							100	2.0	6.5
							23.0 Ω/km**			17.0 Ω/km***							230	3.0	9.8
										5.25 mm							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
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1000 MHz: ≥ 85 dB							1750	8.8	28.8
					470-1000 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 25.0 mΩ/m							2150	9.8	32.2
					1000-2000 MHz: ≥ 16 dB					Screening Class: C							2400	10.5	34.4
					2000-3000 MHz: ≥ 15 dB					Pulling Tension: 55 N							3000	12.0	39.2

Gas-Injected Polyethylene Insulation • White PVC Jacket

70°C	**H126A02**		U-820	U-250	25.9	11.8	1.0 mm	0.180	4.57	Duobond® II	0.272	6.90	75	82%	16.5	54.0			see above
							Solid BC			+ 50% TC									
							45.0 Ω/km*			Braid									
							23.0 Ω/km**			22.0 Ω/km***									
										5.25 mm									
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1000 MHz: ≥ 75 dB									
					470-1000 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 50.0 mΩ/m									
					1000-2000 MHz: ≥ 16 dB					Screening Class: C									
					2000-3000 MHz: ≥ 15 dB					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	0.185	4.70	Cu-foil	0.262	6.65	75	80%	17.1	56.0	5	0.5	1.6
			1640	500	54.0	24.5	Solid BC			+ 55% BC							50	1.4	4.6
			16400	5000	540.1	245.0	41.0 Ω/km*			Braid							100	2.0	6.5
							26.0 Ω/km**			15.0 Ω/km***							230	3.0	9.8
										5.2 mm							400	4.1	13.3
																	800	5.9	19.2
																	862	5.9	19.5
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1000 MHz: ≥ 75 dB							1000	6.6	21.5
					470-1000 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m							1750	8.8	29.0
250 m put-up available in Brown only.					1000-2000 MHz: ≥ 16 dB					Screening Class: B							2150	9.9	32.5
500 m put-up available in Black only.					2000-3000 MHz: ≥ 15 dB					Pulling Tension: 55 N							2400	10.6	34.7

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	0.185	4.70	Cu-foil	0.262	6.65	75	80%	17.1	56.0			see above
							Solid BC			+ 55% BC									
							41.0 Ω/km*			Braid									
							26.0 Ω/km**			15.0 Ω/km***									
										5.2 mm									
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1000 MHz: ≥ 75 dB									
					470-1000 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 10.0 mΩ/m									
					1000-2000 MHz: ≥ 16 dB					Screening Class: B									
					2000-3000 MHz: ≥ 15 dB					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	0.189	4.80	Cu-foil	0.268	6.80	75	81%	16.8	55.0	5	0.4	1.4
			820	250	21.5	9.8	Solid BC			+ 40% BC							50	1.3	4.3
			1640	500	43.0	19.5	41.0 Ω/km*			Braid							100	1.9	6.1
							23.0 Ω/km**			18.0 Ω/km***							230	2.8	9.2
										5.4 mm							400	3.8	12.3
																	800	5.4	17.7
																	862	5.6	18.4
																	1000	6.1	19.9
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1000 MHz: ≥ 85 dB							1350	7.1	23.4
					470-1000 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m							1750	8.2	27.0
					1000-2000 MHz: ≥ 18 dB					Screening Class: B							2150	9.2	30.2
					2000-3000 MHz: ≥ 16 dB					Pulling Tension: 55 N							2400	9.8	32.1

* 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.

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
			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	7.1	23.4
																	1750	8.2	27.0
																	2150	9.2	30.2
																	2400	9.8	32.1
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	7.5	24.6
																	1750	8.7	28.4
																	2150	9.7	31.9
																	2400	10.4	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.

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 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 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 50 100 230 400 800 862 1000 1350 1750 2150 2400	0.5 1.4 2.0 3.0 3.9 5.7 5.9 6.4 7.5 8.7 9.7 10.4	1.8 4.7 6.5 9.8 12.9 18.6 19.3 20.9 24.6 28.4 31.9 34.0
			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									
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 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 Ω/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 mΩ/m Screening Class: C Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**H125A03**	IEC 332-1	B-328 1640	B-100 500	9.3 46.3	4.2 21.0	1.0 mm Solid BC 50.0 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 Ω/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 mΩ/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 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 Ω/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 mΩ/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 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 Ω/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 470-1.000 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									
ShotGun																			
Gas-Injected Polyethylene Insulation • Black PE Jacket																			
70°C	**H125A02**		1640	500	83.8	38.0	1.0 mm Solid BC 41.0 Ω/km* 23.0 Ω/km**	0.189	4.80	Duofoil® + 50% TC Braid 18.0 Ω/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 mΩ/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.

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
Shorting Fold																	862	5.9	19.3
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							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
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
			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							1350	7.8	25.7
																	1750	9.1	29.7
																	2150	10.2	33.4
																	2400	10.9	35.6

* 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.

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.

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.

Broadband Coax
Headend 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

20 AWG • Solid 0.8 mm Silver-Plated Copper-Covered Steel • **Duobond Plus®** • 95 % Aluminum Braid

Gas-Injected Foam Polyethylene Insulation • PVC Jacket (available in Black, Grey, White, Red, Blue, Yellow, Brown, Orange, Green, Purple, Beige, Pink or Aqua)

80°C	**9167**	NEC: CATVR CMR CEC: CMG FT4	1000	305	27.1	12.3	0.81 mm 20 AWG Solid SPCCS 99.4 Ω/km* 84.6 Ω/km**	0.144	3.66	Duobond Plus® + 95 % AL Braid 14.8 Ω/km*** 4.3 mm	0.242	6.15	75	83 %	16.2	53.1	5	0.8	2.5
																	50	1.8	6.0
																	240	3.6	11.7
																	450	5.0	16.3
																	862	7.0	22.9
																	1000	7.7	25.2


Shorting Fold

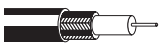
Return loss at 5-470 MHz: ≥ 20 dB; 470-862 MHz: ≥ 18 dB; 862-2150 MHz: ≥ 16 dB

Screening attenuation at 30-1000 MHz: ≥ 85 dB
Sweep tested. 5 MHz to 1 GHz.

23 AWG • Solid 0.6 mm Copper-Covered Steel • 95 % Bare Copper Braid

Polyethylene Insulation • Black PVC Jacket

70°C	**MRG5900**		328	100	10.1	4.6	0.58 mm Solid CCS 94.0 Ω/km* 79.0 Ω/km**	0.146	3.70	95 % BC Braid 15.0 Ω/km*** 4.3 mm	0.242	6.15	75	66 %	20.4	67.0	5	0.9	2.9
			B-328	B-100	10.1	4.6											50	2.4	8.0
			B-656	B-200	20.3	9.2											100	3.5	11.6
			1640	500	50.7	23.0											230	5.2	17.2
			3280	1000	101.4	46.0											400	7.6	25.0
																	800	11.5	37.8
																	862	12.0	39.2
																	1000	13.1	42.9
																	1350	15.2	50.0
																	1750	17.4	57.0
																	2150	19.2	63.0



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: ≥ 65 dB

23 AWG • Solid 0.6 mm Bare Copper • 92 % Double Tinned Copper Braid

Polyethylene Insulation • Black PVC Jacket

70°C	**H106T00**		B-328	B-100	12.6	5.7	0.58 mm Solid BC 97.5 Ω/km* 79.0 Ω/km**	0.146	3.70	92 % TC Braid + 92 % TC Braid 18.5 Ω/km*** 4.9 mm	0.236	6.00	75	66 %	20.4	67.0	5	0.7	2.4
			1640	500	62.8	28.5											50	2.4	8.0
																	100	3.5	11.6
																	230	5.6	18.3
																	400	7.6	25.0
																	800	11.5	37.8
																	862	12.0	39.2
																	1000	13.1	42.9

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB

Screening attenuation at 30-1000 MHz: ≥ 75 dB

Polyethylene Insulation • Grey FRNC Jacket

70°C	**H106T01**	IEC 332-1	1640	500	63.9	29.0	0.58 mm Solid BC 97.5 Ω/km* 79.0 Ω/km**	0.146	3.70	92 % TC Braid + 92 % TC Braid 18.5 Ω/km*** 4.9 mm	0.236	6.00	75	66 %	20.4	67.0	see above		

Return loss at 5-470 MHz: ≥ 20 dB; 470-1000 MHz: ≥ 18 dB

Screening attenuation at 30-1000 MHz: ≥ 75 dB

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • SPCCS = Silver-Plated Copper-Covered Steel • AL = Aluminum • CCS = Copper-Covered Steel

Duobond Plus® see technical information page 23.13.