Belden CDT

BROADBAND

Coaxial Cables
for Broadband Communication Networks

European Edition

Belden CDT

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Introduction

Belden CDT Broadband & Wireless Cables

Belden CDT manufactures wire and cable broadband solutions that provide the bandwidth needed to build the infrastructure for today's CableTV and satellite dish technology. Nowadays, wireless communication is part of everyone's life as People increasingly communicate through wireless networks such as cellular phones, TV Broadcasting and WLAN.

At Belden CDT, we have a tradition of moving with the market and adapting or reinventing our products to meet new needs for increased bandwidth and easy installation.

Our complete range includes one of the most comprehensive, economical and up-to-date selections of reliable 75 Ohm and 50 Ohm coaxial cable products on the market today. The distribution and drop coaxes feature Belden's innovative, high performance Duobond Plus® shielding or Belden's Duobond® II shield.

Belden CDT – There is no equal™.

Belden's Environmental Position

At Belden, we pride ourselves on being an environmentally friendly and aware producer and manufacturer. We are pleased to be able to state that products manufactured by Belden CDT Europe are compliant to the European Union RoHS directive (2002/95/EC) as well as other environmental directives such as the European Union's WEEE directive, the BFR directive and the ELV directive as well as the State of California's proposition 65.

Belden CDT Europe is an ISO 14001 certified company and does its utmost to avoid potential health and safety issues. In addition, we have programmes in place to reduce and – where possible – reuse waste and to minimise our consumption of energy and other resources.

Thermowelded Jacket

Belden CDT's thermowelded jacket (item numbers are CA-T3 and CA-T6) consists of a tube made by a double layer of aluminum/copolymer; applied with a second black PE jacket. This special jacket design allows customers to install the cable underground in ducts or, directly buried in the soil. The thermowelded jacketed cables grant maximum impermeability to water penetration (provided that cables are adequately terminated to the end tongues).

The presence of a polyacrylamide tape wound over the first jacket, provides an extra protection against longitudinal water propagation. In addition, the aluminum tube provides super screening efficiency, granting Class A rating to these types of cable. These cableswithstand attacks by small rodents.

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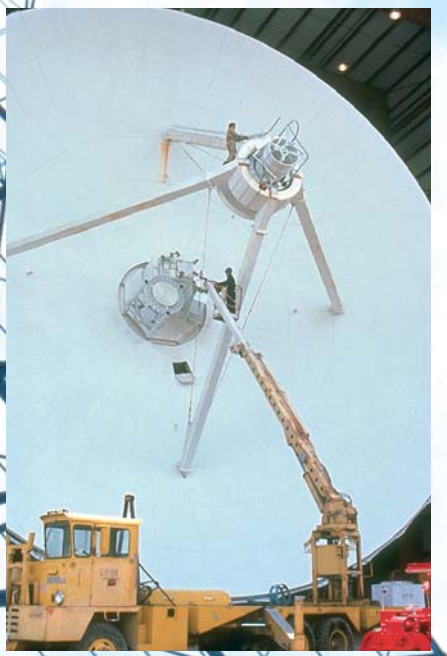
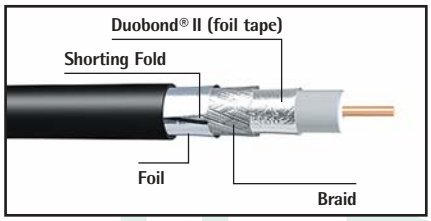


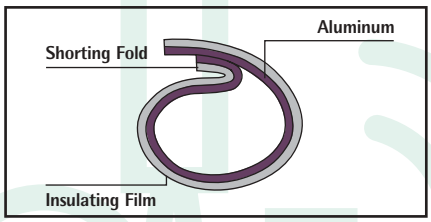
Duobond Plus®

Belden CDT's Duobond Plus® has a three-shield construction consisting of a Duobond® II (foil tape) surrounded by a braid and an outer layer of foil with a unique shorting fold which creates the effect of a solid metal conduit. The combination offers superior high frequency shielding when compared with traditional Quad shields.

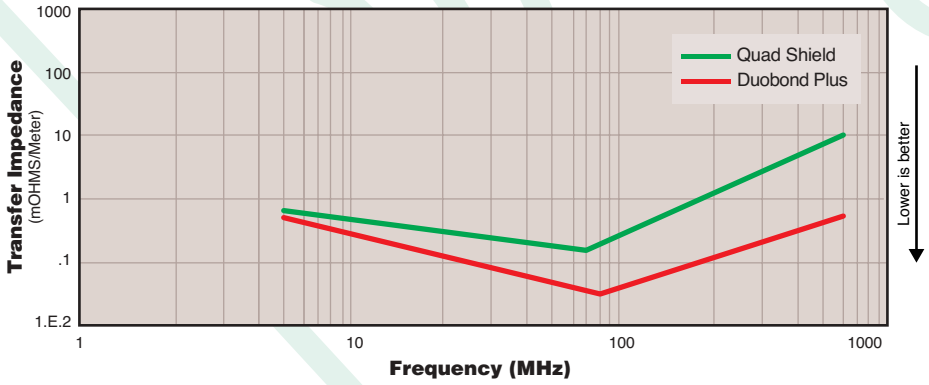
Duobond Plus is faster to install, because the outer tape shield is bonded to the jacket, it can be stripped easily in one step. Moreover, this construction gives Duobond Plus® a smaller bending radius, greater flexibility, and 10 percent less weight than Quad shielded coax.

Better performance and easier installation make Duobond Plus coax cables your first choice.





Duobond Plus® Outperforms Quad Shield



Lower transfer impedance means better shielding performance.

We offer two different versions: Better-Than-Quad (BTQ) with 50% shielding coverage and Better-Than-Triple (BTT) with 40% shielding coverage.

Duobond® II

Foil/Braid – Combines Duobond with an outer braid, applied to provide greater protection against interference and to increase overall tensile strength.

The combination foil/braid shield combines the advantages of 100% foil coverage, plus the strength and low DC resistance of the braid.

FRNC/LSNH

Belden CDT has developed low smoke (LS), fire retardant (FR) and zero halogen (ZH) cables. These three properties are marked with FRNC/LSNH (also known as RNC/LSZH).

Double jacket

Belden CDT's AS30D, SA75D and SAX1D are constructed with a double jacket, because for horizontal laying single PVC is not able to guarantee the long-term survival of the coax cable: The PE inner seals the cable so it can withstand partial immersion in water (as often happens on roofs).

What is Class A?
For futher information see page 25.

Broadband Coax

Trunk Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
Coax 3 • Solid 3.38 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Polyethylene jacket (black or green)																			
80°	**CX3C0**		2.296 3.444	700 1.050	481.5 722.2	218.4 327.6	3.38 (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 50 100 230 400 800 862 1.000 1.350 1.750 2.150 2.400	0.1 0.4 0.5 0.9 1.2 1.7 1.8 2.0 2.3 2.7 3.1 3.3	0.4 1.3 1.8 2.9 3.9 5.7 5.9 6.5 7.7 9.0 10.2 10.9
FB20			Return loss at		5-470 MHz: ≥ 26 dB 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1.200 N									
80°	**CX3C3**		2.296	700	623.5	282.8	3.38 (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	75	84%	16.5	54.0			see above
FB20			Return loss at		5-470 MHz: ≥ 26 dB 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 6.000 N									
Available in black 7.2 mm ZP messenger																			
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	**CX3C2**		2.296	700	617.3	280.0	3.38 (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 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1.200 N									
Gas-injected Polyethylene Insulation • Polyethylene jacket (black or green)																			
80°	**CX3C1**		2.296 3.444	700 1.050	412.0 618.1	186.9 280.4	3.38 (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
F18			Return loss at		5-470 MHz: ≥ 26 dB 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1.200 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

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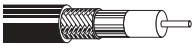
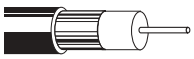
Description	Part No.	UL NEC/ C(UL)CEC Type	Standard lengths ft	Standard lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) Inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100Ft.	Nominal Attenuation dB/ 100m
Coax 4 • Solid 2.23 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Polyethylene jacket (black or green)																			
80°	**CX4C0**		1.640	500	184.1	83.5	2.23 (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
			3.280	1.000	368.2	167.0											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
																	1.000	3.0	10.0
																	1.350	3.6	11.9
																	1.750	4.2	13.9
																	2.150	4.8	15.7
																	2.400	5.1	16.8
																			
FB14																			
			Return loss at		5-470 MHz: > 26 dB 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: > 100 dB Transfer impedance at 5-30 MHz: < 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N									
80°	**CX4C3**		1.640	500	248.0	112.5	2.23 (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 21.5	75	82%	16.5	54.0			see above
																			
FB14																			
			Return loss at		5-470 MHz: > 26 dB 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: > 100 dB Transfer impedance at 5-30 MHz: < 1.9 mΩ/m Screening Class: A+ Pulling Tension: 6.000 N									
Available in black 5.8 mm ZP messenger																			
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	**CX4C2**		1.640	500	211.6	96.0	2.23 (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 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: > 100 dB Transfer impedance at 5-30 MHz: < 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N									
Gas-injected Polyethylene Insulation • Polyethylene jacket (black or green)																			
80°	**CX4C1**		1.640	500	180.8	82.0	2.23 (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
																			
F14																			
			Return loss at		5-470 MHz: > 26 dB 470-862 MHz: ≥ 22 dB 862-2.150 MHz: ≥ 19 dB					Screening attenuation at 30-1.000 MHz: > 100 dB Transfer impedance at 5-30 MHz: < 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

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CT167 • Solid 1.67 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	CT167C1		328	100	20.9	9.5	1.67	0.307	7.28	Cu-foil	0.398	10.10	75	81%	16.5	54.0	5	0.9	2.8
			656	200	41.9	19.0	(solid) BC			+55% BC							230	1.8	5.8
							15.0 Ω/km*			Braid							470	2.8	9.2
							8.5 Ω/km**			6.5 Ω/km***							862	3.8	12.6
										7.98 mm							1.000	4.3	14.0
																	1.350	5.0	16.3
																	1.750	5.9	19.2
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB							2.000	6.6	21.7
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m							2.150	6.7	21.9
					862-2.150 MHz: ≥ 18 dB					Screening Class: A							2.400	7.1	23.2
										Pulling Tension: 300 N							3.000	8.0	26.1
Gas-injected Polyethylene Insulation • Black RBS Polyethylene jacket																			
80°	CT167C3		328	100	20.9	9.5	1.67	0.307	7.28	Cu-foil	0.398	10.10	75	81%	16.5	54.0			see above
			656	200	41.9	19.0	(solid) BC			+55% BC									
							15.0 Ω/km*			Braid									
							8.5 Ω/km**			6.5 Ω/km***									
										7.98 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: A									
										Pulling Tension: 300 N									
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	CT167C0		820	250	52.4	23.8	1.67	0.307	7.28	Cu-foil	0.398	10.10	75	81%	16.5	54.0			see above
			1.640	500	104.7	47.5	(solid) BC			+55% BC									
			3.280	1.000	209.4	95.0	15.0 Ω/km*			Braid									
							8.5 Ω/km**			6.5 Ω/km***									
										7.98 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: A									
										Pulling Tension: 300 N									
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	CT167C2		820	250	52.4	23.8	1.67	0.307	7.28	Cu-foil	0.398	10.10	75	81%	16.5	54.0			see above
			1.640	500	104.7	47.5	(solid) BC			+55% BC									
			3.280	1.000	209.4	95.0	15.0 Ω/km*			Braid									
							8.5 Ω/km**			6.5 Ω/km***									
										7.98 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: A									
										Pulling Tension: 300 N									
Series SAP • Solid 1.63 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	SAPAD		328	100	19.4	8.8	1.63	0.283	7.20	AL-PET-AL	0.398	10.10	75	84%	16.2	53.0	5	0.3	0.9
			656	200	38.8	17.6	(solid) BC			+65% TC							50	0.9	2.9
			1.640	500	97.0	44.0	17.1 Ω/km*			Braid							100	1.3	4.1
			3.280	1.000	194.0	88.0	8.6 Ω/km**			8.5 Ω/km***							230	1.9	6.3
										8.1 mm							400	2.6	8.6
																	800	3.8	12.5
PA163 DIGITAL																	862	3.9	12.9
																	1.000	4.3	14.2
																	1.350	5.1	16.8
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 90 dB							1.750	5.9	19.5
					470-862 MHz: ≥ 20 dB					Screening Class: A							2.150	6.7	21.9
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 240 N							2.400	7.1	23.4
Gas-injected Polyethylene Insulation • Termplastic FRNC/LSNH jacket																			
80°	SA11		328	100	19.8	9.0	1.63	0.283	7.20	AL-PET-AL	0.398	10.10	75	84%	16.2	53.0	50	0.9	3.0
			656	200	39.7	18.0	(solid) BC			+65% TC							230	1.9	6.2
			1.640	500	99.2	45.0	17.1 Ω/km*			Braid							470	2.8	9.3
			3.280	1.000	198.4	90.0	8.6 Ω/km**			8.5 Ω/km***							862	3.9	12.8
										8.1 mm							1.000	4.3	14.0
																	1.350	5.0	16.3
1.6/7.20 DIGITAL LSZH																	1.750	5.5	17.9
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 90 dB							2.000	5.9	19.3
					470-862 MHz: ≥ 20 dB					Screening Class: A							2.150	6.2	20.2
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 300 N							2.400	6.5	21.4

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

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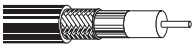
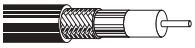
Series SAP • Solid 1.63 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket • PAAM swellig type • Thermoweld Al-foil																			
80°	**CAT3**		328 1.640	100 500	35.7 178.6	16.2 81.0	1.63 (solid) BC 17.1 Ω/km* 8.6 Ω/km**	0.283	7.20	AL-PET-AL +65% TC Braid 8.5 Ω/km*** 8.1 mm	0.398	10.10	75	85%	16.2	53.0	50 230 470 862 1.000 1.350 1.750 2.000 2.150 2.400	0.9 1.9 2.8 3.9 4.3 5.0 5.5 5.9 6.2 6.5	3.0 6.2 9.3 12.8 14.0 16.3 17.9 19.3 20.2 21.4
																			
Blindo 3 Interramento THERMOWELD			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB						Screening attenuation at 30-1.000 MHz: ≥ 98 dB Screening Class: A Pulling Tension: 240 N									
PRG11 • Solid 1.55 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	**PRG11A3**		1.640	500	86.0	39.0	1.55 (solid) BC 22.2 Ω/km* 9.4 Ω/km**	0.285	7.25	AL-PET-AL 50% TC Braid 12.8 Ω/km*** 7.9 mm	0.398	10.10	75	81%	16.8	55.0	5 50 100 230 400 800 862 1.000 1.350 1.750 2.150 2.400	0.3 0.9 1.3 1.9 2.6 3.8 3.9 4.3 5.1 5.9 6.7 7.1	0.9 2.9 4.1 6.3 8.6 12.5 12.9 14.2 16.8 19.5 21.9 23.4
																			
			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB						Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 225 N									
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	**PRG11A2**		820 1.640	250 500	43.0 86.0	19.5 39.0	1.55 (solid) BC 22.2 Ω/km* 9.4 Ω/km**	0.285	7.25	AL-PET-AL 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: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB						Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 225 N									
PRG11 • Solid 1.55 mm Bare Copper • **Duobond Plus®** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	**PRG11D3**		820 1.640	250 500	44.6 89.3	20.3 40.5	1.55 (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
																			
Shorting Fold																			
BTQ			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB						Screening attenuation at 30-1.000 MHz: ≥ 105 dB Transfer impedance at 5-30 MHz: ≤ 1.3 mΩ/m Screening Class: A+ Pulling Tension: 250 N									
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	**PRG11D1**		1.640	500	100.3	45.5	1.55 (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
																			
Shorting Fold																			
BTQ			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB						Screening attenuation at 30-1.000 MHz: ≥ 105 dB Transfer impedance at 5-30 MHz: ≤1.3 mΩ/m Screening Class: A+ Pulling Tension: 250 N									
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	**PRG11D0**		1.640	500	89.3	40.5	1.55 (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
																			
Shorting Fold																			
BTQ			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB						Screening attenuation at 30-1.000 MHz: ≥ 105 dB Transfer impedance at 5-30 MHz: ≤ 1.3 mΩ/m Screening Class: A+ Pulling Tension: 250 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Distribution Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
PRG11 • Solid 1.55 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Polyethylene jacket (black or green)																			
80°	PRG11C0		820	250	44.6	20.3	1.55	0.285	7.25	Cu-foil	0.398	10.10	75	81%	16.8	55.0	5	0.3	0.9
			1.640	500	89.3	40.5	(solid) BC			50% BC							50	0.8	2.7
			3.280	1.000	178.6	81.0	20.0 Ω/km*			Braid							100	1.2	3.9
							9.4 Ω/km**			10.6 Ω/km***							230	1.9	6.1
										7.9 mm							400	2.5	8.2
																	800	3.7	12.0
																	862	3.8	12.5
																	1.000	4.1	13.6
																	1.350	4.9	16.1
			Return loss at		5-470 MHz: ≥ 23 dB		Screening attenuation at 30-1.000 MHz: ≥ 85 dB										1.750	5.7	18.7
					470-862 MHz: ≥ 20 dB		Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m										2.150	6.4	21.1
					862-2.150 MHz: ≥ 18 dB		Screening Class: A										2.400	6.9	22.5
							Pulling Tension: 225 N												
80°	PRG11C6		820	250	74.4	33.8	1.55	0.285	7.25	Cu-foil	0.398	10.10	75	81%	16.8	55.0	see above		
			1.083	330	98.2	44.6	(solid) BC			50% BC		x							
			1.640	500	148.8	67.5	20.0 Ω/km*			Braid		16.2							
			3.280	1.000	297.6	135.0	9.4 Ω/km**			10.6 Ω/km***									
										7.9 mm									
			Return loss at		5-470 MHz: ≥ 23 dB		Screening attenuation at 30-1.000 MHz: ≥ 85 dB												
					470-862 MHz: ≥ 20 dB		Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m												
					862-2.150 MHz: ≥ 18 dB		Screening Class: A												
							Pulling Tension: 225 N												
Available in black 4.6 mm ZP messenger																			
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	PRG11C3		820	250	64.5	29.3	1.55	0.285	7.25	Cu-foil	0.398	10.10	75	81%	16.8	55.0	see above		
			1.640	500	129.0	58.5	(solid) BC			50% BC									
							20.0 Ω/km*			Braid									
							9.4 Ω/km**			10.6 Ω/km***									
										7.9 mm									
			Return loss at		5-470 MHz: ≥ 23 dB		Screening attenuation at 30-1.000 MHz: ≥ 85 dB												
					470-862 MHz: ≥ 20 dB		Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m												
					862-2.150 MHz: ≥ 18 dB		Screening Class: A												
							Pulling Tension: 225 N												
Gas-injected Polyethylene Insulation • PVC jacket (black or white)																			
80°	PRG11C4		820	250	54.6	24.8	1.55	0.285	7.25	Cu-foil	0.398	10.10	75	81%	16.8	55.0	see above		
			1.640	500	109.1	49.5	(solid) BC			50% BC									
			3.280	1.000	218.3	99.0	20.0 Ω/km*			Braid									
							9.4 Ω/km**			10.6 Ω/km***									
										7.9 mm									
			Return loss at		5-470 MHz: ≥ 23 dB		Screening attenuation at 30-1.000 MHz: ≥ 85 dB												
					470-862 MHz: ≥ 20 dB		Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m												
					862-2.150 MHz: ≥ 18 dB		Screening Class: A												
							Pulling Tension: 225 N												

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
CT125 • Solid 1.25 mm Bare Copper • **Copper foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	CT125C1		820	250	38.6	17.5	1.25	0.217	5.50	Cu-foil	0.307	7.80	75	81%	16.5	54.0	50	1.1	3.5
			1.640	500	77.2	35.0	(solid) BC			+51% BC							230	2.4	7.8
			3.280	1.000	154.3	70.0	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							1.000	5.2	17.0
																	1.750	6.7	22.0
																	2.150	7.9	26.0
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 100 N									
Gas-injected Polyethylene Insulation • Black RBS Polyethylene jacket																			
80°	CT125C3		820	250	38.6	17.5	1.25	0.217	5.50	Cu-foil	0.307	7.80	75	81%	16.5	54.0	see above		
			1.640	500	77.2	35.0	(solid) BC			+51% BC									
			3.280	1.000	154.3	70.0	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 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 100 N									
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	CT125C0		328	100	15.4	7.0	1.25	0.217	5.50	Cu-foil	0.307	7.80	75	81%	16.5	54.0	see above		
			820	250	38.6	17.5	(solid) BC			+51% BC									
			1.640	500	77.2	35.0	28.5 Ω/km*			Braid									
			3.280	1.000	154.3	70.0	15.0 Ω/km**			13.5 Ω/km***									
										6.2 mm									
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 100 N									
RG7 • Solid 1.25 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	RG7C01		820	250	34.4	15.6	1.25	0.224	5.70	Cu-foil	0.319	8.10	75	82%	16.5	54.0	5	0.4	1.2
			1.640	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
																	1.000	5.0	16.5
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m Screening Class: B Pulling Tension: 90 N								1.350	5.9	19.5
																	1.750	6.9	22.6
																	2.150	7.7	25.3
																	2.400	8.2	27.0
Gas-injected Polyethylene Insulation • Black FRNC/LSNH jacket																			
80°	RG7C02		820	250	34.4	15.6	1.25	0.224	5.70	Cu-foil	0.319	8.10	75	82%	16.5	54.0	see above		
			1.640	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 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m Screening Class: B Pulling Tension: 90 N									
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	RG7C00		820	250	34.4	15.6	1.25	0.224	5.70	Cu-foil	0.319	8.10	75	82%	16.5	54.0	see above		
			1.640	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 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m Screening Class: B Pulling Tension: 90 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
PRG7 • Solid 1.2 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	PRG7C01		820	250	25.8	11.7	1.2	0.213	5.40	Cu-foil	0.280	7.10	75	83%	16.5	54.0	5	0.4	1.2
			1.640	500	51.7	23.5	(solid) BC			40% BC							50	1.1	3.6
			3.280	1.000	103.4	46.9	34.6 Ω/km*			Braid							100	1.6	5.2
							15.6 Ω/km**			19.0 Ω/km***							230	2.4	7.9
										5.84 mm							400	3.2	10.5
																	800	4.6	15.2
																	862	4.8	15.8
																	1.000	5.2	17.1
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB							1.350	6.1	20.1
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m							1.750	7.1	23.2
					862-2.150 MHz: ≥ 18 dB					Screening Class: B							2.150	7.9	26.0
										Pulling Tension: 80 N							2.400	8.4	27.7
Gas-injected Polyethylene Insulation • PVC jacket (black, grey or white)																			
80°	PRG7C00		328	100	10.3	4.7	1.2	0.213	5.40	Cu-foil	0.280	7.10	75	83%	16.5	54.0			see above
			656	200	20.7	9.4	(solid) BC			40% BC									
			820	250	25.8	11.7	34.6 Ω/km*			Braid									
			1.640	500	51.7	23.5	15.6 Ω/km**			19.0 Ω/km***									
			3.280	1.000	103.4	46.9				5.84 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: B									
										Pulling Tension: 80 N									
PRG7 • Solid 1.2 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	PRG7A00		328	100	9.6	4.4	1.2	0.213	5.40	AL-PET-AL	0.280	7.10	75	83%	16.5	54.0	5	0.5	1.6
							(solid) BC			40% TC							50	1.2	3.6
							39.6 Ω/km*			Braid							100	1.6	5.4
							15.6 Ω/km**			24.0 Ω/km***							230	2.5	8.1
										5.84 mm							400	3.3	10.7
																	800	4.7	15.5
																	862	4.9	16.1
																	1.000	5.3	17.5
																	1.350	6.3	20.6
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB							1.750	7.3	23.8
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 39 mΩ/m							2.150	8.2	26.8
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 80 N							2.400	8.7	28.6
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	PRG7A01		3.280	1.000	167.5	76.0	1.2	0.213	5.40	AL-PET-AL	0.280	7.10	75	83%	16.5	54.0			see above
							(solid) BC			40% TC		x							
							39.6 Ω/km*			Braid		14.0							
							15.6 Ω/km**			24.0 Ω/km***									
										5.84 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 39 mΩ/m									
3.6 mm ZP messenger					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 3.500 N									
Series SA • Solid 1.13 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	SA75		328	100	12.6	5.7	1.13	0.189	4.80	AL-PET-AL	0.276	7.00	75	85%	15.9	52.0	50	1.1	3.7
			820	250	31.4	14.3	(solid) BC			90% TC							230	2.5	8.2
			1.640	500	62.8	28.5	26.0 Ω/km*			Braid							470	3.7	12.1
			3.280	1.000	125.7	57.0	18.0 Ω/km**			8.0 Ω/km***							862	5.2	17.0
										5.6 mm							1.000	5.6	18.4
																1.350	6.6	21.5	
75 Ω SAT DIGITAL																	1.750	7.6	25.0
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 96 dB							2.000	8.3	27.3
					470-862 MHz: ≥ 20 dB					Screening Class: A							2.150	8.6	28.1
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 80 N							2.400	9.1	30.0
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	SADDS		328	100	11.0	5.0	1.13	0.189	4.80	AL-PET-AL	0.268	6.80	75	85%	15.9	52.0	50	1.2	3.8
			820	250	27.6	12.5	(solid) BC			90% TC							230	2.5	8.3
			1.640	500	55.1	25.0	28.0 Ω/km*			Braid							470	3.8	12.3
			3.280	1.000	110.2	50.0	18.0 Ω/km**			10.0 Ω/km***							862	5.2	17.1
										5.6 mm							1.000	5.6	18.5
																1.350	6.6	21.7	
DIGITAL SUPER																	1.750	7.7	25.1
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 90 dB							2.000	8.3	27.3
					470-862 MHz: ≥ 20 dB					Screening Class: A							2.150	8.6	28.2
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 80 N							2.400	9.2	30.2

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Broadband Coax
Drop Cable

BROADBAND

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Series SA • Solid 1.13 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	SAD30		328	100	9.7	4.4	1.13	0.189	4.80	AL-PET-AL	0.264	6.70	75	85%	15,9	52.0	50	1.3	4.1
			984	300	29.1	13.2	(solid) BC			58% TC							230	2.6	8.6
							34.0 Ω/km*			Braid							470	3.8	12.6
							18.0 Ω/km**			16.0 Ω/km***							862	5.4	17.6
										5.6 mm							1.000	5.9	19.2
																	1.350	6.8	22.3
SAT300 DIGITAL																	1.750	7.9	25.8
		Return loss at	5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1.000 MHz: ≥ 88 dB							2.000	8.4	27.5
			470-862 MHz: ≥ 20 dB							Screening Class: A							2.150	8.7	28.6
			862-2.150 MHz: ≥ 18 dB							Pulling Tension: 80 N							2.400	9.3	30.4
Gas-injected Polyethylene Insulation • Black Double jacket (PE+PVC)																			
80°	SA30D		328	100	13.2	6.0	1.13	0.189	4.80	AL-PET-AL	0.256	6.50	75	85%	15,9	52.0	50	1.3	4.1
			1.640	500	66.1	30.0	(solid) BC			49% TC	0.303	7.70					230	2.6	8.6
			3.280	1.000	132.3	60.0	38.0 Ω/km*			Braid							470	3.8	12.6
							18.0 Ω/km**			20.0 Ω/km***							862	5.4	17.6
										5.6 mm							1.000	5.9	19.2
																	1.350	6.8	22.4
SAT300 DOUBLE JACKET																	1.750	7.9	26.0
		Return loss at	5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1.000 MHz: ≥ 78 dB							2.000	8.5	27.8
			470-862 MHz: ≥ 20 dB							Screening Class: B							2.150	8.8	28.7
			862-2.150 MHz: ≥ 18 dB							Pulling Tension: 80 N							2.400	9.3	30.5
Gas-injected Polyethylene Insulation • Black Double jacket (PE+PVC)																			
80°	SA75D		328	100	16.1	7.3	1.13	0.189	4.80	AL-PET-AL	0.264	6.70	75	85%	15,9	52.0	50	1.2	3.9
			820	250	40.2	18.3	(solid) BC			90% TC	0.315	8.00					230	2.6	8.4
							26.0 Ç/km*			Braid							470	3.8	12.3
							18.0 Ω/km**			8.0 Ω/km***							862	5.2	17.2
										5.6 mm							1.000	5.6	18.5
																	1.350	6.6	21.7
75 Ω Sat DIGITAL DOUBLE JACKET																	1.750	7.7	25.1
		Return loss at	5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1.000 MHz: ≥ 97 dB							2.000	8.3	27.3
			470-862 MHz: ≥ 20 dB							Screening Class: A							2.150	8.6	28.2
			862-2.150 MHz: ≥ 18 dB							Pulling Tension: 80 N							2.400	9.1	30.0
RG6 • Solid 1.0 mm Copper covered steel • **Duobond Plus®** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	RG6D01		820	250	27.0	12.3	1.0	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
Shorting Fold																	862	5.9	19.5
BTQ																	1.000	6.4	21.1
		Return loss at	5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1.000 MHz: ≥ 100 dB							1.350	7.6	24.9
			470-862 MHz: ≥ 20 dB							Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m							1.750	8.8	28.8
			862-2.150 MHz: ≥ 18 dB							Screening Class: A							2.150	9.8	32.3
										Pulling Tension: 570 N							2.400	10.5	34.4
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	RG6D00		820	250	27.0	12.3	1.0	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									
Shorting Fold																			
BTT																			
		Return loss at	5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1.000 MHz: ≥ 100 dB									
			470-862 MHz: ≥ 20 dB							Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m									
			862-2.150 MHz: ≥ 18 dB							Screening Class: A									
										Pulling Tension: 570 N									
RG6 • Solid 1.0 mm Copper covered steel • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black or white)																			
80°	RG6A00		328	100	10.7	4.9	1.0	0.180	4.57	AL-PET-AL	0.272	6.90	75	82%	16.5	54.0			see above
			820	250	26.7	12.1	(solid) CCS			40% TC									
							71.0 Ω/km*			Braid									
							55.0 Ω/km**			16.0 Ω/km***									
										5.25 mm									
		Return loss at	5-470 MHz: ≥ 23 dB							Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
			470-862 MHz: ≥ 20 dB							Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m									
			862-2.150 MHz: ≥ 18 dB							Pulling Tension: 570 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
H126 (RG6) • Solid 1.0 mm Bare Copper • **Duobond Plus®** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H126D04		1.640	500	45.4	20.6	1.0 (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
																	1.000	6.4	21.1
																	1.350	7.6	24.9
																	1.750	8.8	28.8
																	2.150	9.8	32.3
																	2.400	10.5	34.4
Shorting Fold																			
BTQ			Return loss at 5-470 MHz: ≥ 23 dB; 470-862 MHz: ≥ 20 dB; 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 100 dB; Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m; Screening Class: A; Pulling Tension: 55 N										
Gas-injected Polyethylene Insulation • White FRNC/LSNH jacket																			
80°	H126D03		820	250	27.0	12.3	1.0 (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		
Shorting Fold																			
BTQ			Return loss at 5-470 MHz: ≥ 23 dB; 470-862 MHz: ≥ 20 dB; 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 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)																			
80°	H126D02		820	250	27.0	12.3	1.0 (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		
Shorting Fold																			
BTQ			Return loss at 5-470 MHz: ≥ 23 dB; 470-862 MHz: ≥ 20 dB; 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 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)																			
80°	H126D00		820	250	27.0	12.3	1.0 (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		
Shorting Fold																			
BTT			Return loss at 5-470 MHz: ≥ 23 dB; 470-862 MHz: ≥ 20 dB; 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 100 dB; Transfer impedance at 5-30 MHz: ≤ 4.5 mΩ/m; Screening Class: A; Pulling Tension: 55 N										
H126 (RG6) • Solid 1.0 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black or white)																			
80°	H126A00		300	91	9.8	4.4	1.0 (solid) BC 49.0 Ω/km* 23.0 Ω/km**	0.180	4.57	AL-PET-AL 35% TC Braid 26.0 Ω/km*** 5.25 mm	0.272	6.90	75	82%	16.5	54.0	see above		
			328	100	10.7	4.9													
			820	250	26.7	12.1													
			984	300	32.1	14.6													
			Return loss at 5-470 MHz: ≥ 23 dB; Screening attenuation at 30-1.000 MHz: ≥ 75 dB							470-862 MHz: ≥ 20 dB; Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m							862-2.150 MHz: ≥ 18 dB; Pulling Tension: 55 N		
H126 (RG6) • Solid 1.0 mm Bare Copper • **Duobond II** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H126A03		656	200	23.6	10.7	1.0 (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	see above		
			820	250	29.5	13.4													
			Return loss at 5-470 MHz: ≥ 23 dB; 470-862 MHz: ≥ 20 dB; 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m; Screening Class: A								Pulling Tension: 55 N		
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H126A02		656	200	21.2	9.6	1.0 (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		
			820	250	26.5	12.0													
			Return loss at 5-470 MHz: ≥ 23 dB; 470-862 MHz: ≥ 20 dB; 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m; Screening Class: B								Pulling Tension: 55 N		

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Des-cription	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
Series SAX • Solid 1.02 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White Double jacket (PE+PVC)																			
80°	SAX1D		328	100	9.7	4.4	1.02	0.173	4.40	AL-PET-AL	0.232	5.90	75	85%	15.9	52.0	50	1.4	4.6
			820	250	24.3	11.0	(solid) BC			40% TC	0.280	7.10					230	2.9	9.6
			1.640	500	48.5	22.0	44.0 Ω/km*			Braid							470	4.3	14.0
			3.280	1.000	97.0	44.0	22.0 Ω/km**			12.0 Ω/km***							862	6.0	19.6
										5.3 mm							1.000	6.4	21.0
																	1.350	7.6	24.9
EXTRA 100 DOUBLE JACKET																	1.750	8.7	28.6
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							2.000	9.5	31.0
					470-862 MHz: ≥ 20 dB					Screening Class: B							2.150	9.8	32.0
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 60 N							2.400	10.3	33.8
Gas-injected Polyethylene Insulation • Black Polyethylene jacket • PAAM swellig type • Thermoweld Al foil																			
80°	CAT6		328	100	9.7	4.4	1.02	0.173	4.40	AL-PET-AL	0.232	5.90	75	85%	15.9	52.0	50	1.4	4.5
			1.640	500	88.2	40.0	(solid) BC			64% TC	0.402	10.20					230	2.9	9.5
							40.0 Ω/km*			Braid							470	4.2	13.9
							22.0 Ω/km**			18.0 Ω/km***							862	5.9	19.5
										5.3 mm							1.000	6.4	20.9
																	1.350	7.6	24.8
Blindo 6 THERMOWELD																	1.750	8.7	28.5
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 98 dB							2.000	9.4	30.9
					470-862 MHz: ≥ 20 dB					Screening Class: A							2.150	9.7	31.9
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 240 N							2.400	10.3	33.7
H109 • Solid 1.0 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black or brown)																			
80°	H109C00		820	250	27.6	12.5	1.0	0.185	4.70	Cu-foil	0.262	6.65	75	80%	17.1	56.0	5	0.5	1.6
			1.640	500	55.1	25.0	(solid) BC			55% BC							50	1.4	4.6
			16.400	5.000	551.2	250.0	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	4.5	14.8
																	800	5.9	19.2
																	862	5.9	19.5
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							1.000	6.6	21.5
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m							1.750	8.8	29.0
					862-2.150 MHz: ≥ 18 dB					Screening Class: B							2.150	9.9	32.5
										Pulling Tension: 55 N									
Gas-injected Polyethylene Insulation • FRNC/LSNHjacket (black or white)																			
80°	H109C02		820	250	27.6	12.5	1.0	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: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: B									
										Pulling Tension: 55 N									
H125 • Solid 1.0 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H125C01		328	100	8.6	3.9	1.0	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
			1.640	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
										5.24 mm							400	3.8	12.3
																	800	5.4	17.7
																	862	6.5	18.4
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							1.000	6.1	19.9
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m							1.350	7.1	23.4
					862-2.150 MHz: ≥ 18 dB					Screening Class: B							1.750	8.2	27.0
										Pulling Tension: 55 N							2.150	9.2	30.2
																	2.400	9.8	32.1
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	H125C04		1.640	500	50.3	22.8	1.0	0.189	4.80	Cu-foil	0.268	6.80	75	81%	16.8	55.0			see above
							(solid) BC			40% BC									
							41.0 Ω/km*			Braid									
							23.0 Ω/km**			18.0 Ω/km***									
										5.24 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: B									
										Pulling Tension: 55 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
H125 • Solid 1.0 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black, brown, crème, grey)																			
80°	H125C00		300	91	9.3	4.2	1.0	0.189	4.80	Cu-foil	0.268	6.80	75	81%	16.8	55.0	5	0.4	1.4
			328	100	10.1	4.6	(solid) BC			40% BC							50	1.3	4.3
			656	200	20.3	9.2	41.0 Ω/km*			Braid							100	1.9	6.1
			820	250	25.4	11.5	23.0 Ω/km**			18.0 Ω/km***							230	2.8	9.2
			1.640	500	50.7	23.0				5.24 mm							400	3.8	12.3
			3.280	1.000	101.4	46.0											800	5.4	17.7
																	862	6.5	18.4
																	1.000	6.1	19.9
			Return loss at 5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m Screening Class: B Pulling Tension: 55 N							1.350	7.1	23.4
																	1.750	8.2	27.0
																	2.150	9.2	30.2
																	2.400	9.8	32.1
80°	H125C03		820	250	50.7	23.0	1.0	0.189	4.80	Cu-foil	0.268	6.80	75	81%	16.8	55.0	see above		
							(solid) BC			40% BC	0.531	13.5							
							41.0 Ω/km*			Braid									
							23.0 Ω/km**			18.0 Ω/km***									
										5.24 mm									
			Return loss at 5-470 MHz: > 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥75 dB Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m Screening Class: B Pulling Tension: 55 N									
H125 • Solid 1.0 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H125A08		1.640	500	45.2	20.5	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	82%	16.5	54.0	5	0.5	1.8
							(solid) BC			70% TC							50	1.4	4.7
							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
																	1.000	6.4	20.9
			Return loss at 5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 60 N							1.350	7.5	24.6
																	1.750	8.7	28.4
																	2.150	9.7	31.9
																	2.400	10.4	34.0
Gas-injected Polyethylene Insulation • FRNC/LSNH jacket (grey or white)																			
80°	H125A07		328	100	10.8	4.9	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.5	54.0	see above		
			1.640	500	54.0	24.5	(solid) BC			70% TC									
							41.0 Ω/km*			Braid									
							23.0 Ω/km**			18.0 Ω/km***									
										5.5 mm									
			Return loss at 5-470 MHz: ≥ 23 dB Screening attenuation at 30-1.000 MHz: ≥ 85 dB							470-862 MHz: ≥ 20 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m							862-2.150 MHz: ≥ 18 dB Screening Class: A Pulling Tension: 60 N		
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H125A06		328	100	10.4	4.7	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.5	54.0	see above		
			820	250	25.9	11.8	(solid) BC			70% TC									
			1.640	500	51.8	23.5	41.0 Ω/km*			Braid									
							23.0 Ω/km**			18.0 Ω/km***									
										5.5 mm									
			Return loss at 5-470 MHz: ≥ 23 dB Screening attenuation at 30-1.000 MHz: ≥ 85 dB							470-862 MHz: ≥ 20 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m							862-2.150 MHz: ≥ 18 dB Screening Class: A Pulling Tension: 60 N		
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H125A01		328	100	7.9	3.6	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.8	55.0	see above		
			820	250	19.8	9.0	(solid) BC			40% TC									
			1.640	500	39.7	18.0	50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.34 mm									
			Return loss at 5-470 MHz: ≥ 23 dB Screening attenuation at 30-1.000 MHz: ≥ 75 dB							470-862 MHz: ≥ 20 dB Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m							862-2.150 MHz: ≥ 18 dB Pulling Tension: 55 N		
Gas-injected Polyethylene Insulation • Grey FRNC/LSNH jacket																			
80°	H125A03		328	100	9.9	4.5	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.8	55.0	see above		
			1.640	500	49.6	22.5	(solid) BC			40% TC									
							50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.34 mm									
			Return loss at 5-470 MHz: ≥ 23 dB Screening attenuation at 30-1.000 MHz: ≥ 75 dB							470-862 MHz: ≥ 20 dB Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m							862-2.150 MHz: ≥ 18 dB Pulling Tension: 55 N		

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
H125 • Solid 1.0 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black, brown, grey or white)																			
80°	H125A00		328	100	10.6	4.8	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.8	55.0	5	0.5	1.8
			492	150	15.9	7.2	(solid) BC			40% TC							50	1.4	4.7
			656	200	21.2	9.6	50.0 Ω/km*			Braid							100	2.0	6.5
			820	250	26.5	12.0	23.0 Ω/km**			27.0 Ω/km***							230	3.0	9.8
			1.640	500	52.9	24.0				5.34 mm							400	3.9	12.9
																	800	5.7	18.6
																	862	5.9	19.3
																	1.000	6.4	20.9
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							1.350	7.5	24.6
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m							1.750	8.7	28.4
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 55 N							2.150	9.7	31.9
																	2.400	10.4	34.0
Gas-injected Polyethylene Insulation • PVC jacket (black, brown, grey or white)																			
80°	H125A04		820	250	47.6	21.6	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.8	55.0	see above		
							(solid) BC			40% TC	0.531	13.5							
							50.0 Ω/km*			Braid									
							23.0 Ω/km**			27.0 Ω/km***									
										5.34 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					470-862 MHz: ≥ 20 dB						862-2.150 MHz: ≥ 18 dB			
			Screening attenuation at 30-1.000 MHz: ≥ 75 dB							Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m						Pulling Tension: 55 N			
80°	H125A02		1.640	500	82.7	37.5	1.0	0.189	4.80	AL-PET-AL	0.268	6.80	75	81%	16.8	55.0	see above		
							(solid) BC			40% TC		x							
							41.0 Ω/km*			Braid		12.0							
							23.0 Ω/km**			18.0 Ω/km***									
										5.24 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 15 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: B									
4.4 mm ZP messenger										Pulling Tension: 3.500 N									
H125 • Solid 1.0 mm Bare Copper • **Duobond Plus®** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black, brown, crème, grey or white)																			
80°	H125D00		328	100	9.3	4.2	1.0	0.189	4.80	Duobond	0.268	6.80	75	81%	16.8	55.0	see above		
			820	250	23.1	10.5	(solid) BC			Plus®									
			1.640	500	46.3	21.0	37.0 Ω/km*			50% TC									
							23.0 Ω/km**			Braid									
										18.0 Ω/km***									
										5.4 mm						Pulling Tension: 60 N			
Shorting Fold			Return loss at		5-470 MHz: ≥ 23 dB					470-862 MHz: ≥ 20 dB						862-2.150 MHz: ≥ 18 dB			
BTQ			Screening attenuation at 30-1.000 MHz: ≥ 95 dB							Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m						Screening Class: A			
CT100 • Solid 0.96 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (black and white)																			
80°	CT100C0		328	100	11.2	5.1	0.96	0.185	4.70	Cu-foil	0.262	6.65	75	85%	15.9	52.0	5	1.5	4.6
			820	250	24.3	11.0	(solid) BC			53% BC							230	3.0	9.8
			1.640	500	48.5	22.0	41.0 Ω/km*			Braid							470	4.6	15.0
			3.280	1.000	97.0	44.0	26.0 Ω/km**			15.0 Ω/km***							862	5.9	19.5
										5.35 mm							1.000	6.6	21.5
																	1.750	8.8	29.0
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB							2.150	9.9	32.5
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: A									
										Pulling Tension: 55 N									
Gas-injected Polyethylene Insulation • PVC RBS jacket (black and white)																			
80°	CT100C3		328	100	11.2	5.1	0.96	0.185	4.70	Cu-foil	0.262	6.65	75	85%	15.9	52.0	see above		
			820	250	24.3	11.0	(solid) BC			53% BC									
			1.640	500	48.5	22.0	41.0 Ω/km*			Braid									
			3.280	1.000	97.0	44.0	26.0 Ω/km**			15.0 Ω/km***									
										5.35 mm									
RBS jacket			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: A						Pulling Tension: 55 N			
Gas-injected Polyethylene Insulation • FRNC jacket (black and white)																			
80°	CT100C1		328	100	11.2	5.1	0.96	0.185	4.70	Cu-foil	0.262	6.65	75	85%	15.9	52.0	see above		
			820	250	24.3	11.0	(solid) BC			53% BC									
			1.640	500	48.5	22.0	41.0 Ω/km*			Braid									
			3.280	1.000	97.0	44.0	26.0 Ω/km**			15.0 Ω/km***									
										5.35 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m									
					862-2.150 MHz: ≥ 18 dB					Screening Class: A						Pulling Tension: 55 N			

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
H124 • Solid 1.0 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H124A00		328	100	7.1	3.2	1.0	0.173	4.40	AL-PET-AL	0.232	5.90	75	84%	16.2	53.0	5	0.6	2.0
			820	250	14.7	6.7	(solid) BC			31% TC							50	1.4	4.5
			1.640	500	29.4	13.4	58.0 Ω/km*			Braid							100	2.0	6.4
			16.400	5.000	294.3	133.5	35.0 Ω/km**			23.0 Ω/km***							230	2.9	9.5
										5.1 mm							400	4.1	13.3
																	800	5.9	19.3
																	862	6.0	19.8
																	1.000	6.6	21.8
																	1.350	7.8	25.7
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							1.750	9.1	29.7
					470-862 MHz: ≥ 20 dB					Transfer impedance at 5-30 MHz: ≤ 40 mΩ/m							2.150	10.2	33.4
					862-2.150 MHz: ≥ 18 dB					Pulling Tension: 40 N							2.400	10.9	35.6
H121 • Solid 0.8 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H121C00		328	100	5.9	2.7	0.8	0.138	3.50	Cu-foil	0.197	5.00	75	84%	16.2	53.0	5	0.5	1.7
			1.640	500	29.4	13.4	(solid) BC			45% BC							50	1.8	5.3
							59.0 Ω/km*			Braid							100	2.3	7.5
							35.0 Ω/km**			24.0 Ω/km***							230	3.5	11.4
										4.1 mm							400	4.6	15.1
																	800	6.6	21.7
																	862	6.9	22.8
																	1.000	7.5	24.5
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 80 dB							1.350	8.8	28.7
					470-862 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 10 mΩ/m							1.750	10.1	33.0
					862-2.150 MHz: ≥ 18 dB					Screening Class: B							2.150	11.3	36.9
										Pulling Tension: 40 N							2.400	12.0	39.2
H121 • Solid 0.8 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H121A03		328	100	6.5	3.0	0.8	0.138	3.50	AL-PET-AL	0.197	5.00	75	84%	16.2	53.0	5	0.7	1.7
			984	300	19.6	8.9	(solid) BC			75% TC							50	1.8	5.9
			1.640	500	32.7	14.9	55.0 Ω/km*			Braid							100	2.5	8.1
							35.0 Ω/km**			20.0 Ω/km***							230	3.7	12.1
										4.1 mm							400	4.8	15.9
																	800	6.9	22.7
H121B																	862	7.2	23.6
																	1.000	7.8	25.6
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB							1.350	9.1	30.0
					470-862 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 4.2 mΩ/m							1.750	10.5	34.5
					862-2.150 MHz: ≥ 16 dB					Screening Class: A							2.150	11.8	38.6
										Pulling Tension: 45 N							2.400	12.5	41.0
Gas-injected Polyethylene Insulation • White FRNC/LSNH jacket																			
80°	H121A04		328	100	6.5	3.0	0.8	0.138	3.50	AL-PET-AL	0.197	5.00	75	84%	16.2	53.0			see above
			984	300	19.6	8.9	(solid) BC			75% TC									
			1.640	500	32.7	14.9	55.0 Ω/km*			Braid									
							35.0 Ω/km**			20.0 Ω/km***									
										4.1 mm									
H121B																			
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB									
					470-862 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 4.2 mΩ/m									
					862-2.150 MHz: ≥ 16 dB					Screening Class: A									
										Pulling Tension: 45 N									
Gas-injected Polyethylene Insulation • White Polyethylene jacket																			
80°	H121A01		1.640	500	22.8	10.4	0.8	0.138	3.50	AL-PET-AL	0.197	5.00	75	84%	16.2	53.0			see above
							(solid) BC			40% TC									
							75.0 Ω/km*			Braid									
							35.0 Ω/km**			40.0 Ω/km***									
										4.1 mm									
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 18 dB					Transfer impedance at 5-30 MHz: ≤ 33 mΩ/m									
					862-2.150 MHz: ≥ 16 dB					Pulling Tension: 40 N									

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

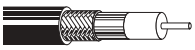
BROADBAND

Des-cription	Part No.	UL NEC/ C(UL)CEC Type	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100Ft.	dB/ 100m

H121 • Solid 0.8 mm Bare Copper • **Aluminium-foil** • Tinned copper shield

Gas-injected Polyethylene Insulation • PVC jacket (black or white)

80° **H121A00**

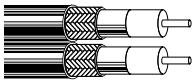


ft	m	Lbs.	kg	Nom. DCR	Inch	mm	Material	Inch	mm	Ω	Prop.	pF/Ft.	pF/m	MHz	dB/ 100Ft.	dB/ 100m
328	100	5.9	2.7	0.8	0.138	3.50	AL-PET-AL	0.197	5.00	75	84%	16.2	53.0	5	0.7	1.7
820	250	14.8	6.7	(solid) BC			40% TC							50	1.8	5.9
984	300	17.7	8.0	75.0 Ω/km*			Braid							100	2.5	8.1
1.640	500	29.5	13.4	35.0 Ω/km**			40.0 Ω/km***							230	3.7	12.1
							4.1 mm							400	4.8	15.9
														800	6.9	22.7
														862	7.2	23.6
														1.000	7.8	25.6
														1.350	9.1	30.0
														1.750	10.5	34.5
														2.150	11.8	38.6
														2.400	12.5	41.0

Return loss at
5-470 MHz: ≥ 20 dB
470-862 MHz: ≥ 18 dB
862-2.150 MHz: ≥ 16 dB

Screening attenuation at 30-1.000 MHz: ≥ 75 dB
Transfer impedance at 5-30 MHz: ≤ 33 mΩ/m
Pulling Tension: 80 N

80° **H121A02**



ft	m	Lbs.	kg	Nom. DCR	Inch	mm	Material	Inch	mm	Ω	Prop.	pF/Ft.	pF/m	MHz	dB/ 100Ft.	dB/ 100m
328	100	5.9	2.7	0.8	0.138	3.50	AL-PET-AL	0.197	5.00	75	84%	16.2	53.0			see above
820	250	14.8	6.7	(solid) BC			40% TC	0.417	10.6							
984	300	17.7	8.0	75.0 Ω/km*			Braid									
1.640	500	29.5	13.4	35.0 Ω/km**			40.0 Ω/km***									
							4.1 mm									

Return loss at
5-470 MHz: ≥ 20 dB
470-862 MHz: ≥ 18 dB
862-2.150 MHz: ≥ 16 dB

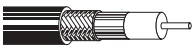
Screening attenuation at 30-1.000 MHz: ≥ 75 dB
Transfer impedance at 5-30 MHz: ≤ 33 mΩ/m
Pulling Tension: 80 N

Available in white

SA59D • Solid 0.81 mm Bare Copper weld • **Super Triplex Aluminium-foil** • Tinned copper shield

Gas-injected Polyethylene Insulation • PVC jacket (blue, yellow, white, green or red)

80° **SA59D**



CCS59 DIGITAL

ft	m	Lbs.	kg	Nom. DCR	Inch	mm	Material	Inch	mm	Ω	Prop.	pF/Ft.	pF/m	MHz	dB/ 100Ft.	dB/ 100m
328	100	7.5	3.4	0.81	0.138	3.50	Super Triplex	0.197	5.00	75	83%	16.2	53.0	50	1.7	5.7
1.640	500	37.5	17.0	(solid) BC			75% TC							230	3.7	12.0
				101.0 Ω/km*			Braid							470	5.3	17.4
				84.0 Ω/km**			17.0 Ω/km***							862	7.4	24.2
							4.2 mm							1.000	8.0	26.3
														1.350	9.2	30.1
														1.750	10.5	34.5
														2.000	11.4	37.4
														2.150	11.7	38.8
														2.400	12.3	40.3

Return loss at
5-470 MHz: ≥ 20 dB
470-862 MHz: ≥ 18 dB
862-2.150 MHz: ≥ 16 dB

Screening attenuation at 30-1.000 MHz: ≥ 75 dB
Sreening Class: A
Pulling Tension: 80 N

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax
Drop Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
H123 • Solid 0.65 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • FRNC/LSNH jacket (grey or green)																			
80°	H123A02		1.640	500	32.0	14.5	0.65 (solid) BC 72.0 Ω/km* 55.0 Ω/km**	0.114	2.90	AL-PET-AL 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
																	1.000	9.3	30.6
			Return loss at 5-470 MHz: ≥ 20 dB 470-862 MHz: ≥ 18 dB 862-2.150 MHz: ≥ 16 dB							Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 33 N							1.350	10.9	35.9
																	1.750	12.6	41.2
																	2.150	14.0	46.0
																	2.400	14.9	48.9
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H123A01		328	100	6.3	2.9	0.65 (solid) BC 72.0 Ω/km* 55.0 Ω/km**	0.114	2.90	AL-PET-AL 88% TC Braid 17.0 Ω/km*** 3.4 mm	0.169	4.30	75	84%	16.5	54.0	see above		
			1.640	500	31.6	14.4													
			Return loss at 5-470 MHz: ≥ 20 dB 470-862 MHz: ≥ 18 dB 862-2.150 MHz: ≥ 16 dB							Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5 mΩ/m Screening Class: A Pulling Tension: 33 N									
Gas-injected Polyethylene Insulation • PVC jacket (black, blue, green, red or white)																			
80°	H123A00		328	100	3.9	1.8	0.65 (solid) BC 92.0 Ω/km* 55.0 Ω/km**	0.114	2.90	AL-PET-AL 44% TC Braid 37.0 Ω/km*** 3.4 mm	0.163	4.15	75	84%	16.5	54.0	see above		
			820	250	9.8	4.5													
			1.640	500	19.6	8.9													
			26.240	8.000	313.9	142.4													
			Return loss at 5-470 MHz: ≥ 20 dB 470-862 MHz: ≥ 18 dB 862-2.150 MHz: ≥ 16 dB							Screening attenuation at 30-1.000 MHz: ≥ 75 dB Transfer impedance at 5-30 MHz: ≤ 37 mΩ/m Screening Class: B Pulling Tension: 33 N									
SA65D • Solid 0.65 mm Bare Copper • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • PVC jacket (blue, yellow, white, green or red)																			
80°	SA65D		820	250	15.4	7.0	0.65 (solid) BC 73.0 Ω/km* 53.0 Ω/km**	0.118	3.00	AL-PET-AL 91% TC Braid 20.0 Ω/km*** 3.7 mm	0.177	4.50	75	83%	16.2	53.0	50	2.2	7.2
			1.640	500	30.9	14.0											230	4.7	15.4
																	470	6.7	22.1
																	862	9.0	29.6
																	1.000	9.8	32.3
																	1.350	11.4	37.5
			Return loss at 5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 90 dB Screening Class: A Pulling Tension: 30 N							1.750	13.0	42.7
																	2.000	13.9	45.6
																	2.150	14.4	47.2
																	2.400	15.1	49.5
H122 • Solid 0.4 mm Copper covered steel • **Aluminium-foil** • Tinned copper shield																			
Gas-injected Polyethylene Insulation • White PVC jacket																			
80°	H122A00		328	100	5.3	2.4	0.4 (solid) CCS 49.0 Ω/km* 45.0 Ω/km**	0.077	1.95	AL-PET-AL 60% TC Braid 40.0 Ω/km*** 2.1 mm	0.144	3.65	75	80%	16.5	54.0	5	1.4	4.7
			1.640	500	26.5	12.0											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
																	1.000	14.8	48.5
			Return loss at 5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB							Screening attenuation at 30-1.000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 25 mΩ/m Screening Class: B Pulling Tension: 40 N							1.350	17.2	56.5
																	1.750	19.7	64.8
																	2.150	22.1	72.5
																	2.400	23.4	76.9

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Broadband Coax

Headend Cable

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
Polyethylene Insulation • Black PVC jacket																			
80°	H105B00		328	100	17.6	8.0	0.7	0.181	4.60	93% BC	0.283	7.20	75	66%	20.4	67.0	5	0.7	2.2
			656	200	35.3	16.0	(solid) BC			Braid							50	2.0	6.6
			1.640	500	88.2	40.0	56.0 Ω/km*			92% BC							100	2.9	9.5
							45.0 Ω/km**			Braid							230	4.5	14.7
										5.7 mm							400	5.9	19.4
																	800	8.9	29.1
																	862	9.2	30.1
																	1.000	10.0	32.8
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							1.350	10.0	32.8
					470-862 MHz: ≥ 18 dB												1.750	13.2	43.4
					862-2.150 MHz: ≥ 16 dB												2.150	14.7	48.1
Polyethylene Insulation • Black PVC jacket																			
80°	MRG5900		328	100	11.7	5.3	0.58	0.146	3.70	95% BC	0.242	6.15	75	66%	20.4	67.0	5	0.9	2.9
			656	200	23.4	10.6	(solid) CCS			Braid							50	2.4	8.0
			1.640	500	58.4	26.5	173.0 Ω/km*			4.3 mm							100	3.5	11.6
			3.280	1.000	116.8	53.0	158.0 Ω/km**										230	5.2	17.2
																	400	7.5	24.5
																	800	11.5	37.8
																	862	12.0	39.2
																	1.000	13.1	42.9
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 65 dB							1.350	15.2	50.0
					470-862 MHz: ≥ 18 dB												1.750	17.4	57.0
					862-2.150 MHz: ≥ 16 dB												2.150	19.2	63.0
Polyethylene Insulation • Black PVC jacket																			
80°	H106T00		328	100	12.6	5.7	0.58	0.146	3.70	92% TC	0.236	6.00	75	66%	20.4	67.0	5	0.8	2.6
			1.640	500	62.8	28.5	(solid) BC			Braid							50	2.4	8.0
							93.5 Ω/km*			92% TC							100	3.5	11.6
							75.0 Ω/km**			Braid							230	5.6	18.3
										4.8 mm							400	7.5	24.5
																	800	11.5	37.8
																	862	12.0	39.2
																	1.000	13.1	42.9
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB							1.350	15.2	50.0
					470-862 MHz: ≥ 18 dB												1.750	17.4	57.0
					862-2.150 MHz: ≥ 16 dB												2.150	19.2	63.0
Polyethylene Insulation • Black FRNC jacket																			
80°	H106T01		328	100	12.8	5.8	0.58	0.146	3.70	92% TC	0.236	6.00	75	66%	20.4	67.0			see above
			1.640	500	63.9	29.0	(solid) BC			Braid									
							93.5 Ω/km*			92% TC									
							75.0 Ω/km**			Braid									
										4.8 mm									
			Return loss at		5-470 MHz: ≥ 20 dB					Screening attenuation at 30-1.000 MHz: ≥ 75 dB									
					470-862 MHz: ≥ 18 dB														
					862-2.150 MHz: ≥ 16 dB														

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Wireless Coax
50 Ohm Transmission

BROADBAND

Description	Part No.	UL NEC/ C(UL)CEC Type	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/ 100Ft.	Nominal Attenuation dB/ 100m
H1000 • Solid 2.6 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H1000C3		1.640	500	170.9	77.5	2.6 (solid) BC 12.3 Ω/km* 3.5 Ω/km**	0.283	7.20	Cu-foil 85% BC Braid 8.8 Ω/km*** 8.0 mm	0.406	10.30	50	84%	16.5	54.0	5	0.2	0.8
																	50	0.9	2.8
																	100	1.2	4.0
																	230	1.9	6.1
																	400	2.6	8.4
																	800	3.8	12.3
																	862	4.2	13.8
																	1.000	4.3	14.0
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB							1.350	5.1	16.7
																	1.750	5.9	19.5
																	2.150	6.9	22.5
																	2.400	7.2	23.6
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	H1000C0		328	100	31.1	14.1	2.6 (solid) BC 12.3 Ω/km* 3.5 Ω/km**	0.283	7.20	Cu-foil 50% BC Braid 8.8 Ω/km*** 7.9 mm	0.406	10.30	50	84%	16.5	54.0	see above		
			820	250	77.7	35.3													
			1.640	500	155.4	70.5													
			3.280	1.000	310.8	141.0													
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB									
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H1000C1		1.640	500	132.3	60.0	2.6 (solid) BC 12.3 Ω/km* 3.5 Ω/km**	0.283	7.20	Cu-foil 50% BC Braid 8.8 Ω/km*** 7.9 mm	0.406	10.30	50	84%	16.5	54.0	see above		
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB									
Gas-injected Polyethylene Insulation •Black Polyethylene jacket																			
80°	H1001C1		1.640	500	120.2	54.5	2.7 (19 x 0.54) BC 15.0 Ω/km* 4.0 Ω/km**	0.283	7.20	Cu-foil 50% BC Braid 11.0 Ω/km*** 7.9 mm	0.406	10.30	50	84%	16.5	54.0	5	0.3	1.0
																	50	1.0	3.3
																	100	1.4	4.7
																	230	2.2	7.2
																	400	3.2	10.6
																	800	4.4	14.4
																	862	4.5	14.9
																	1.000	4.9	16.2
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 100 dB							1.350	5.9	19.3
																	1.750	6.8	22.4
																	2.150	7.7	25.3
																	2.400	8.3	27.1
H500 • Solid 2.5 mm Bare Copper • **Copper-foil** • Bare copper shield																			
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H500C00		328	100	23.6	10.7	2.5 (solid) BC 14.0 Ω/km* 3.5 Ω/km**	0.276	7.00	Cu-foil 50% BC Braid 10.7 Ω/km*** 7.45 mm	0.386	9.80	50	84%	16.5	54.0	5	0.3	0.9
			656	200	47.2	21.4											50	0.9	2.9
			820	250	59.0	26.8											100	1.3	4.1
			1.640	500	117.9	53.5											230	2.0	6.5
			6.560	2.000	471.8	214.0											400	2.7	8.7
																	800	3.9	12.9
																	862	4.1	13.4
																	1.000	4.5	14.6
			Return loss at		5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2.150 MHz: ≥ 18 dB					Screening attenuation at 30-1.000 MHz: ≥ 95 dB							1.350	5.3	17.4
																	1.750	6.2	20.3
																	2.150	7.0	23.0
																	2.400	7.5	24.6

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Wireless Coax

50 Ohm Transmission

BROADBAND

Des-cription	Part No.	UL NEC/ C(UL)CEC Type	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100Ft.	dB/ 100m
Polyethylene Insulation • Black PVC jacket																			
80°	MRG2130		328	100	30.0	13.6	2.25	0.285	7.25	92% BC	0.406	10.30	50	66%	30.5	100.0	5	0.5	1.6
			656	200	60.0	27.2	(7 x 0.75) BC			Braid							50	1.4	4.6
			820	250	75.0	34.0	(solid) BC			7.8 mm							100	2.0	6.6
			1.640	500	149.9	68.0	51.0 Ω/km*										230	3.1	10.1
			3.280	1.000	299.8	136.0	36.0 Ω/km**										400	4.2	13.8
																	800	6.1	20.0
																	862	6.3	20.7
																	1.000	6.9	22.6
																	1.350	8.2	26.8
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 65 dB							1.750	9.5	31.1
					470-862 MHz: ≥ 20 dB												2.150	10.7	35.1
					862-2.150 MHz: ≥ 18 dB												2.400	11.3	37.1
Gas-injected Polyethylene Insulation • Black Polyethylene jacket																			
80°	H155A01		328	100	8.4	3.8	1.41	0.154	3.90	AL-PET-AL	0.213	5.40	50	82%	25.0	82.0	5	0.7	2.3
			3.280	1.000	84.4	38.3	(19 x 0.28) TC			80% TC							50	2.0	6.5
							32.0 Ω/km*			Braid							100	2.8	9.3
							15.0 Ω/km**			4.5 mm							230	4.3	14.2
																	400	5.8	19.0
																	800	8.1	26.5
																	862	8.4	27.5
																	1.000	9.4	30.9
																	1.350	10.9	35.9
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB							1.750	12.9	42.3
					470-862 MHz: ≥ 20 dB												2.150	14.3	46.9
					862-2.150 MHz: ≥ 18 dB												2.400	15.1	49.6
Gas-injected Polyethylene Insulation • Grey PVC jacket																			
80°	H155A00		328	100	8.4	3.8	1.41	0.154	3.90	AL-PET-AL	0.213	5.40	50	82%	25.0	82.0			see above
			820	250	21.1	9.6	(19 x 0.28) TC			80% TC									
			1.640	500	42.2	19.2	32.0 Ω/km*			Braid									
			3.280	1.000	84.4	38.3	15.0 Ω/km**			4.5 mm									
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 85 dB									
					470-862 MHz: ≥ 20 dB														
					862-2.150 MHz: ≥ 18 dB														
Gas-injected Polyethylene Insulation • Black PVC jacket																			
80°	MRG5800		328	100	7.7	3.5	0.91	0.116	2.95	93% TC	0.195	4.95	50	66%	30.5	100.0	5	1.1	3.7
			1.640	500	38.6	17.5	(19 x 0.18) TC			Braid							50	1.4	4.7
							51.0 Ω/km*			3.5 mm							100	4.6	15.1
							36.0 Ω/km**										230	7.0	23.0
																	400	9.1	29.7
																	800	13.5	44.2
																	862	14.0	45.8
																	1.000	15.1	49.6
																	1.350	17.7	58.2
			Return loss at		5-470 MHz: ≥ 23 dB					Screening attenuation at 30-1.000 MHz: ≥ 65 dB							1.750	20.4	66.8
					470-862 MHz: ≥ 20 dB												2.150	22.7	74.6
					862-2.150 MHz: ≥ 18 dB												2.400	24.1	78.9

*DC loop resistance • **DC resistance inner conductor • *** DC resistance outer conductor • BC = Bare copper • TC = Tinned copper • ZP = Stranded zinc plated steel

Connector Cross

BROADBAND

Belden CDT	Cabelcon Hardline	Cabelcon F-Crimp	Cabelcon F-Compression	Thomas & Betts	PPC Hardline	PPC F-Crimp	PPC F-Compression	Telegaertner (BNC)	ADC	ADC F-Crimp
CX3C0	Type -46	–	–	EI, EFI & X series	H011	–	none	–	–	–
CX3C1	Type -76	–	–	EI, EFI & X series	G012	–	none	–	–	–
CX3C2	Type -46	–	–	EI, EFI & X series	H011	–	none	–	–	–
CX3C3	Type -46	–	–	EI, EFI & X series	H011	–	none	–	–	–
CX4C0	Type -413	–	–	EI, EFI & X series	E019	–	none	–	–	–
CX4C1	Type -413	–	–	EI, EFI & X series	E019	–	none	–	–	–
CX4C2	Type -413	–	–	EI, EFI & X series	E019	–	none	–	–	–
CX4C3	Type -413	–	–	EI, EFI & X series	E019	–	none	–	–	–
CT167C1	Type -32	–	–	–	–	–	–	–	–	–
CT167C3	Type -32	–	–	–	–	–	–	–	–	–
CT167C0	Type -32	–	–	–	–	–	–	–	–	–
CT167C2	Type -32	–	–	–	–	–	–	–	–	–
SAPAD	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	–	–	–	–	J01002A0054	–	–
SA11	–	–	–	–	–	–	–	J01002A0054	–	–
CAT3	–	–	–	–	–	–	–	J01002A0054	–	–
SA75	Type -01	F-56-UNIV 5,1/8,4	F-56-CX3 5,1	–	–	–	–	J01002A0043	–	–
SADDS	–	–	–	–	–	–	–	–	–	–
SAD30	–	–	–	–	–	–	–	–	–	–
SA30D	–	–	–	–	–	–	–	–	–	–
SA76D	–	–	–	–	–	–	–	–	–	–
SAX1D	Type -01	F-56-ALM 4.7/8.0	–	–	–	–	–	–	BNC-20/ BNC-10	–
CAT6	Type -01	F-56-ALM 4.7/8.0	–	–	–	–	–	–	BNC-10	–
SA59D	Type -106	F-56-ALM 3.7/6.4	F-56-CX3 3.7	–	–	–	–	J01002A0016	BNC-6	–
SA65D	–	F-60-MINI 3.2/5.6	–	–	–	–	–	J01002A0030	–	–
CT125C1	Type -21	F-56-UNIV 5.7/8.8	–	–	–	–	–	–	BNC-27	–
CT125C3	Type -21	–	–	–	–	–	–	–	BNC-27	–
CT125C0	Type -21	–	–	–	–	–	–	–	BNC-27	–
CT100C0	Type -01	–	–	–	–	–	–	J01002A0000	BNC-9	–
CT100C3	Type -01	–	–	–	–	–	–	J01002A0000	BNC-9	–
CT100C1	Type -01	–	–	–	–	–	–	J01002A0000	BNC-9	–
RG7C01	Type -245	–	F-RG7-CX3 6.0	–	–	–	–	–	BNC-27	–
RG7C02	Type -245	–	F-RG7-CX3 6.0	–	–	–	–	–	BNC-27	–
RG7C00	–	–	–	–	–	–	–	–	BNC-27	–
H109C00	Type -01	F-56-ALM 5.1/8.0	F-56-CX3 5.1	–	–	–	–	J01002A0000	–	–
H109C02	–	–	–	–	–	–	–	J01002A0000	–	–
PRG11A2	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11A3	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11C0	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11C3	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11C4	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11C6	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11D0	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11D1	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG11D3	Type -32	FM-RG11-ALM 7.4/11.7	FM-RG11-CX3 7,5	SNS11 Range	B004	CFS 11	EX11	J01002A0054*	BNC-25-N	on request
PRG7A00	Type -21	F-56-UNIV 5,7/8,8	F-56-CX3 5,7	SNS7 Range	A031	–	CMP PRG7	–	–	–
PRG7A01	Type -21	F-56-UNIV 5,7/8,8	F-56-CX3 5,7	SNS7 Range	A031	–	CMP PRG7	–	–	–
PRG7C00	Type -21	F-56-UNIV 5,7/8,8	F-56-CX3 5,7	SNS7 Range	A031	–	CMP PRG7	–	–	–
PRG7C01	Type -21	F-56-UNIV 5,7/8,8	F-56-CX3 5,7	SNS7 Range	A031	–	CMP PRG7	–	–	–
RG6A00	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	–	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
RG6D00	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	–	A025	–	EX6 4,9 + CMP6 4,9	–	–	–
RG6D01	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	–	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H105B00	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	–	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0013	–	–

BROADBAND

Belden CDT	Cabelcon Hardline	Cabelcon F-Crimp	Cabelcon F-Compression	Thomas & Betts	PPC Hardline	PPC F-Crimp	PPC F-Compression	Telegaertner (BNC)	ADC	ADC F-Crimp
H106T00	Type -11	F-59-ALM 3,9/7,6	F-59-CX3 3,9	–	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A1352	BNC-2-N	on request
H106T01	Type -11	F-59-ALM 3,9/7,6	F-59-CX3 3,9	–	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A1352	BNC-2-N	on request
H126A00	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H126A02	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H126A03	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H126D00	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H126D02	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H126D03	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H126D04	Type -01	F-56-UNIV 4,9/8,8	F-56-CX3 4,9	SNS6 Range	A025	CFS 6	EX6 4,9 + CMP6 4,9	J01002A0000	BNC-8-N	CF-8
H125A00	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125A01	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125C02	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125A03	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125A04	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125A06	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125A07	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125A08	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125C00	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0010	BNC-9	on request
H125C01	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0038	BNC-9	on request
H125C03	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0038	BNC-9	on request
H125C04	Type -01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0038	BNC-9	on request
H125D00	Type-01	F-56-UNIV 5,1/8,8	F-56-CX3 5,1	SNS59 Range	A025	CFS 6 JSUV	EX6 5,1 + CMP6 5,1	J01002A0038	BNC-9	on request
H121A00	Type -106	F-59-ALM 3,7/6,4	F-59-CX3 3,7	–	–	–	CMP MC 37	J01002A0016	BNC-6	on request
H121A01	Type -106	F-59-ALM 3,7/6,4	F-59-CX3 3,7	–	–	–	CMP MC 37	J01002A0016	BNC-6	on request
H121A02	Type -106	F-59-ALM 3,7/6,4	F-59-CX3 3,7	–	–	–	CMP MC 37	J01002A0016	BNC-6	on request
H121A03	Type -106	F-59-ALM 3,7/6,4	F-59-CX3 3,7	–	–	–	CMP MC 37	J01002A0016	BNC-6	on request
H121A04	Type -106	F-59-ALM 3,7/6,4	F-59-CX3 3,7	–	–	–	CMP MC 37	J01002A0016	BNC-6	on request
H121C00	Type -106	F-59-ALM 3,7/6,4	F-59-CX3 3,7	–	–	–	CMP MC 37	J01002A0016	BNC-26-N	on request
H123A02	–	F-60-MINI 3,2/5,6	–	Mini SNS Range	–	–	CMP MC 32	J01002A0030	BNC-26-N	on request
H123A01	–	F-60-MINI 3,2/5,6	–	Mini SNS Range	–	–	CMP MC 32	J01000A0030	BNC-26-N	on request
H123A00	–	F-60-MINI 3,2/5,6	–	Mini SNS Range	–	–	CMP MC 32	J01000A0030	–	–
H1000C3	-201/50	NM/50-RG213-EPA 7,6/12,0	–	–	B503	–	–	J01000A0063	–	–
H1000C0	-201/50	NM/50-RG213-EPA 7,6/12,0	–	–	B503	–	–	J01000A0063	–	–
H1000C1	-201/50	NM/50-RG213-EPA 7,6/12,0	–	–	B503	–	–	J01000A0063	–	–
H1001C1	-201/50	NM/50-RG213-EPA 7,6/12,0	–	–	B503	–	–	J01000A0063	–	–
H500C00	-204/50	–	–	–	–	–	–	J01000A0063	–	–
MRG5900	–	F-59-UNIV 3,9/8,4	F-59-CX3 3,9 HEC	–	–	–	–	J01002A1352	–	–
MRG2130	Type -206/50	NM/50-RG213-EPA 7,6/12,0	–	–	B501	–	–	J01000A0059	–	–
MRG5800	–	–	–	–	–	–	–	J01000F1255	–	–

* cut-away foil

What is Class A?

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What is Class A?

The demands for Screening attenuation and transfer impedance of the CATV cables are defined by European Standard EN50117-2

- 1: Drop, indoor 1000 MHz and
- 2: Drop, outdoor 1000 MHz
- 3: Trunk and Distribution
- 4: Drop, indoor 3000 MHz and
- 5: Drop, outdoor 3000 MHz

EN-50117-1 is the version for coax cables. Part 1 is the Generic Specification. This parts requires that the test method of Transfer impedance is according to EN 50289-1-6 and of the Screening attenuation according to EN 50289-1-6.

Trunk and Distribution Cable (50117-2-3)

Class A++ ≥ 105 dB from 30 MHz to 1000 MHz* (Screening attenuation)
≤ 0.9 mOhm/m from 5 to 30 MHz (Transfer Impedance)

Class A+ ≥ 100 dB from 30 MHz to 1000 MHz* (Screening attenuation)
≤ 5 mOhm/m from 5 to 30 MHz (Transfer Impedance)
(Class A+ under consideration by CLC/SC 46XA)

Class A ≥ 85 dB from 30 MHz to 1000 MHz* (Screening attenuation)
≤ 5 mOhm/m from 5 to 30 MHz (Transfer Impedance)

Drop Cable (50117-2-1, -2, -4, -5)

Class A ≥ 85 dB from 30 MHz to 1000 MHz* (Screening attenuation)
> 75 dB from 30 MHz to 2000 MHz* (Screening attenuation)
> 65 dB from 30 MHz to 3000 MHz* (Screening attenuation)
≤ 5 mOhm/m from 5 to 30 MHz (Transfer Impedance)

Class B ≥ 75 dB from 30 MHz to 1000 MHz* (Screening attenuation)
> 65 dB from 30 MHz to 2000 MHz* (Screening attenuation)
> 55 dB from 30 MHz to 3000 MHz* (Screening attenuation)
≤ 15 mOhm/m from 5 to 30 MHz (Transfer Impedance)

** after completion of the bending test according to EN 50289-3-9 clause 8.3.2 test procedure 2*

New Technologies needs better cables

- From analog (230 MHz) to digital (862 MHz)
- More protection from electromagnetic interference for multimedia applications (Telephony, Internet or Video-on-demand)
- Interactive services like Two-Way-TV (TWTV) need return-path able cables, according to class A
  - Backwards: 5 - 30 (65) MHz - Forward: 47 (80) - 862 MHz

Trunk and Distribution Cable

Class A++	Class A+	Class A
CX3C0	CX4C0	CT167C0
CX3C1	CX4C1	CT167C1
CX3C2	CX4C2	CT167C2
CX3C3	CX4C3	CT167C3
	PRG11D0	CAT3
	PRG11D1	PRG11A2
	PRG11D3	PRG11A3
		PRG11C0
		PRG11C3
		PRG11C4
		PRG11C6
		SAPAD
		SA11

Drop Cable

Class A	
CAT6	H125D00
CT100C0	H126A03
CT100C1	H126D00
CT100C3	H126D02
CT125C0	H126D03
CT125C1	H126D04
CT125C3	RG6D00
H121A03	RG6D01
H121A04	SA59D
H123A01	SA65D
H123A02	SA75
H125A06	SA75D
H125A07	SADDS
H125A08	SAD30

Part Number Index

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Euroclass – European Union to harmonise test standards and transform all the national regulations.

The Construction Products Directive (CPD) was adopted in 1989. In 2002, the European Union published a series of harmonised test standards, called: Euroclass according to a classification in decreasing quality order from A to F:

Euroclass (draft: 2003)
A - no inflammable material
B* - Low flame height and heat production
C* - Moderate flame height and heat production
D* - Heat production comparable to that of burning construction wood
E - Moderate flame height
F - No fire performance requirement

** B = EN50399-2-2, C and D = EN50399-2-1*

CENELEC is currently working on a final version for the next years.

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