

Broadband Coax

Drop Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m

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

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

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

Gas-Injected Foam Polyethylene Insulation • Black PVC Jacket																										
80°C	9118	NEC: CATV CM CEC: CM	U-1000 1000	U-305 305	30.0 30.0	13.6 13.6	1.016 mm Solid CCS 113.2 /km* 91.9 /km**	0.180	4.57	Duobond® III + 60% AL Braid Duofoil® 21.3 /km*** 5.4 mm	0.278	7.06	75	83%	16.2	53.1	see above									
Return loss at			5-470 MHz: 23 dB				470-862 MHz: 20 dB				862-2150 MHz: 18 dB				Screening attenuation at 30-1000 MHz: 85 dB				Transfer impedance at 5-30 MHz: 15.0 m /m				Screening Class: B			

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

Gas-Injected Polyethylene Insulation • White PVC Jacket																																		
70°C	RG6D01		U-820	U-250	27.0	12.3	1.0 mm Solid CCS 69.0 /km* 55.0 /km**	0.180	4.57	Duobond Plus® + 50% TC Braid 14.0 /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															
																	1000	6.4	21.1															
																	1350	7.6	24.9															
																	1750	8.8	28.8															
																	2150	9.8	32.3															
																	2400	10.5	34.4															
																	3000	12.0	39.2															
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 100 dB				Transfer impedance at 5-30 MHz: 4.5 m /m				Screening Class: A				Pulling Tension: 570 N			

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

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

Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																																		
70°C	RG6A00		B-328 U-820	B-100 U-250	10.6 26.5	4.8 12.0	1.0 mm Solid CCS 131.0 /km* 105.0 /km**	0.180	4.57	Duofoil® + 40% TC Braid 26.0 /km*** 5.3 mm	0.272	6.90	75	82%	16.5	54.0	see above																	
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 85 dB				Transfer impedance at 5-30 MHz: 40.0 m /m				Screening Class: C				Pulling Tension: 570 N			






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

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Drop Cables



BROADBAND

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation						
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m				
H126D (RG6) • Solid 1.0 mm Bare Copper • Duobond Plus® • 50 % Tinned Copper Braid																							
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																							
70°C	H126D04		1640	500	44.1	20.0	1.0 mm Solid BC 37.0 /km* 23.0 /km**	0.180	4.57	Duobond Plus® + 50% TC Braid 14.0 /km*** 5.4 mm	0.272	6.90	75	82%	16.5	54.0	5	0.5	1.8				
																							
BTQ																							
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 100 dB				
															Transfer impedance at 5-30 MHz: 4.5 m /m								
															Screening Class: A								
															Pulling Tension: 55 N								
Gas-Injected Polyethylene Insulation • White FRNC/LSNH Jacket																							
70°C	H126D03	IEC 332-3	B-328 U-820 1640	B-100 U-250 500	10.8 27.0 54.0	4.9 12.3 24.5	1.0 mm Solid BC 37.0 /km* 23.0 /km**	0.180	4.57	Duobond Plus® + 50% TC Braid 14.0 /km*** 5.4 mm	0.272	6.90	75	82%	16.5	54.0	see above						
																							
BTQ																							
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 100 dB				
															Transfer impedance at 5-30 MHz: 4.5 m /m								
															Screening Class: A								
															Pulling Tension: 55 N								
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																							
70°C	H126D02		B-328 U-820 1640	B-100 U-250 500	10.8 27.0 54.0	4.9 12.3 24.5	1.0 mm Solid BC 37.0 /km* 23.0 /km**	0.180	4.57	Duobond Plus® + 50% TC Braid 14.0 /km*** 5.4 mm	0.272	6.90	75	82%	16.5	54.0	see above						
																							
BTQ																							
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 100 dB				
															Transfer impedance at 5-30 MHz: 4.5 m /m								
															Screening Class: A								
															Pulling Tension: 55 N								
500 m put-up available in Black only.																							
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																							
70°C	H126D00		B-328 U-820 1640	B-100 U-250 500	10.4 25.9 51.8	4.7 11.8 23.5	1.0 mm Solid BC 39.0 /km* 23.0 /km**	0.180	4.57	Duobond Plus® + 40% TC Braid 16.0 /km*** 5.4 mm	0.272	6.90	75	82%	16.5	54.0	see above						
																							
BTT																							
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 100 dB				
															Transfer impedance at 5-30 MHz: 4.5 m /m								
															Screening Class: A								
															Pulling Tension: 55 N								
H126A (RG6) • Solid 1.0 mm Bare Copper • Duofoil® • 35% Tinned Copper Braid																							
Gas-Injected Polyethylene Insulation • PVC Jacket (Black or White)																							
70°C	H126A00		B-328 U-820 984 1640	B-100 U-250 300 500	10.6 26.5 31.7 53.5	4.8 12.0 14.4 24.3	1.0 mm Solid BC 49.0 /km* 23.0 /km**	0.180	4.57	Duofoil® + 35% TC Braid 26.0 /km*** 5.25 mm	0.272	6.90	75	82%	16.5	54.0	see above						
																							
Return loss at			5-470 MHz: 20 dB				470-1000 MHz: 18 dB				1000-2000 MHz: 16 dB				2000-3000 MHz: 15 dB				Screening attenuation at 30-1000 MHz: 75 dB				
															Transfer impedance at 5-30 MHz: 40.0 m /m								
															Screening Class: C								
															Pulling Tension: 55 N								
B-100 m put-up available in White only.																							

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper
Duofoil® and Duobond Plus® see technical information page 23.13.

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Drop Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC		Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR		Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation																				
				ft.	m	lbs.	kg			inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m																		
H126A (RG6) • Solid 1.0 mm Bare Copper • Duobond® II • 70% Tinned Copper Braid																																							
Gas-Injected Polyethylene Insulation • White PVC Jacket																																							
70°C	H126A03	656	200	23.4	10.6	1.0 mm Solid BC 40.0 /km* 23.0 /km**	0.180	4.57	Duobond® II + 70% TC Braid 17.0 /km*** 5.25 mm	0.272	6.90	75	82%	16.5	54.0			5	0.5	1.8																			
		U-820	U-250	29.2	13.3													50	1.4	4.7	100	2.0	6.5	230	3.0	9.8	400	4.0	13.0	800	5.7	18.7	862	5.9	19.5	1000	6.4	21.1	1350
Return loss at 5-470 MHz: 20 dB Screening attenuation at 30-1000 MHz: 85 dB 470-1000 MHz: 18 dB Transfer impedance at 5-30 MHz: 25.0 m /m 1000-2000 MHz: 16 dB Screening Class: C 2000-3000 MHz: 15 dB Pulling Tension: 55 N																																							
Gas-Injected Polyethylene Insulation • White PVC Jacket																																							
70°C	H126A02	U-820	U-250	25.9	11.8	1.0 mm Solid BC 45.0 /km* 23.0 /km**	0.180	4.57	Duobond® II + 50% TC Braid 22.0 /km*** 5.25 mm	0.272	6.90	75	82%	16.5	54.0							see above																	
Return loss at 5-470 MHz: 20 dB Screening attenuation at 30-1000 MHz: 75 dB 470-1000 MHz: 18 dB Transfer impedance at 5-30 MHz: 50.0 m /m 1000-2000 MHz: 16 dB Screening Class: C 2000-3000 MHz: 15 dB Pulling Tension: 55 N																																							
H109C • Solid 1.0 mm Bare Copper • Copper-Foil • 55% Bare Copper Braid																																							
5-Cell Polyethylene Insulation • PVC Jacket (Black or Brown)																																							
70°C	H109C00	820	250	27.0	12.3	1.0 mm Solid BC 41.0 /km* 26.0 /km**	0.185	4.70	Cu-foil + 55% BC Braid 15.0 /km*** 5.2 mm	0.262	6.65	75	80%	17.1	56.0			5	0.5	1.6																			
		1640	500	54.0	24.5													50	1.4	4.6	100	2.0	6.5	230	3.0	9.8	400	4.1	13.3	800	5.9	19.2	862	5.9	19.5	1000	6.6	21.5	1750
Return loss at 5-470 MHz: 20 dB Screening attenuation at 30-1000 MHz: 75 dB 470-1000 MHz: 18 dB Transfer impedance at 5-30 MHz: 10.0 m /m 1000-2000 MHz: 16 dB Screening Class: B 2000-3000 MHz: 15 dB Pulling Tension: 55 N																																							
250 m put-up available in Brown only. 500 m put-up available in Black only.																																							
5-Cell Polyethylene Insulation • FRNC/LSNH Jacket (Black or White)																																							
70°C	H109C02	IEC 332-1	820	250	24.8	11.3	1.0 mm Solid BC 41.0 /km* 26.0 /km**	0.185	4.70	Cu-foil + 55% BC Braid 15.0 /km*** 5.2 mm	0.262	6.65	75	80%	17.1	56.0						see above																	
Return loss at 5-470 MHz: 20 dB Screening attenuation at 30-1000 MHz: 75 dB 470-1000 MHz: 18 dB Transfer impedance at 5-30 MHz: 10.0 m /m 1000-2000 MHz: 16 dB Screening Class: B 2000-3000 MHz: 15 dB Pulling Tension: 55 N																																							
H125C • Solid 1.0 mm Bare Copper • Copper-Foil • 40% Bare Copper Braid																																							
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																																							
70°C	H125C01	B-328	B-100	8.6	3.9	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Cu-foil + 40% BC Braid 18.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0			5	0.4	1.4																			
		820	250	21.5	9.8													50	1.3	4.3	100	1.9	6.1	230	2.8	9.2	400	3.8	12.3	800	5.4	17.7	862	5.6	18.4	1000	6.1	19.9	1350
Return loss at 5-470 MHz: 23 dB Screening attenuation at 30-1000 MHz: 85 dB 470-1000 MHz: 20 dB Transfer impedance at 5-30 MHz: 15.0 m /m 1000-2000 MHz: 18 dB Screening Class: B 2000-3000 MHz: 16 dB Pulling Tension: 55 N																																							

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper
Duobond® II see technical information page 23.13.

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Drop Cables



De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation			
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m	
H125C • Solid 1.0 mm Bare Copper • Copper-Foil • 40% Bare Copper Braid																				
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																				
70°C	H125C04	IEC 332-1	1640	500	49.6	22.5	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Cu-foil + 40% BC Braid 18.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	5	0.4	1.4	
			Return loss at				5-470 MHz: 23 dB 470-1000 MHz: 20 dB 1000-2000 MHz: 18 dB 2000-3000 MHz: 16 dB				Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • PVC Jacket (Black, Brown, Crème, Grey or White)																				
70°C	H125C00		B-328 820	B-100 250	10.4 25.9	4.7 11.8	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Cu-foil + 40% BC Braid 18.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	see above			
			Return loss at				5-470 MHz: 23 dB 470-1000 MHz: 20 dB 1000-2000 MHz: 18 dB 2000-3000 MHz: 16 dB				Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B Pulling Tension: 55 N									
Brown, Crème and Grey available in B-100 m only.																				
Gas-Injected Polyethylene Insulation • White PVC Jacket																				
70°C	H125C03		820	250	49.1	22.3	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Cu-foil + 40% BC Braid 18.0 /km*** 5.24 mm	0.268 0.531	6.80 13.50	75	81%	16.8	55.0	see above			
			Return loss at				5-470 MHz: 23 dB 470-1000 MHz: 20 dB 1000-2000 MHz: 18 dB 2000-3000 MHz: 16 dB				Screening attenuation at 30-1000 MHz: 75 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B Pulling Tension: 55 N									
ShotGun																				
H125A • Solid 1.0 mm Bare Copper • Duofoil® • 70% Tinned Copper Braid																				
Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket																				
70°C	H125A08		1640	500	45.2	20.5	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 70% TC Braid 18.0 /km*** 5.5 mm	0.268	6.80	75	81%	16.8	55.0	5	0.5	1.8	
			Return loss at				5-470 MHz: 23 dB 470-1000 MHz: 20 dB 1000-2000 MHz: 18 dB 2000-3000 MHz: 16 dB				Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B Pulling Tension: 55 N									
Gas-Injected Polyethylene Insulation • White FRNC/LSNH Jacket																				
70°C	H125A07	IEC 332-1	B-328 1640	B-100 500	10.8 54.0	4.9 24.5	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 70% TC Braid 18.0 /km*** 5.5 mm	0.268	6.80	75	81%	16.8	55.0	see above			
			Return loss at				5-470 MHz: 23 dB 470-1000 MHz: 20 dB 1000-2000 MHz: 18 dB 2000-3000 MHz: 16 dB				Screening attenuation at 30-1000 MHz: 85 dB Transfer impedance at 5-30 MHz: 15.0 m /m Screening Class: B Pulling Tension: 55 N									

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

Duofoil® see technical information page 23.13.

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De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m

H125A • Solid 1.0 mm Bare Copper • Duofoil® • 70 % Tinned Copper Braid

Gas-Injected Polyethylene Insulation • White PVC Jacket																				
70°C	H125A06	B-328	B-100	10.6	4.8	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 70% TC Braid 18.0 /km*** 5.5 mm	0.268	6.80	75	81%	16.8	55.0	5	0.5	1.8		
		U-820	U-250	26.5	12.0											50	1.4	4.7		
		1640	500	52.9	24.0											100	2.0	6.5		
																230	3.0	9.8		
															400	3.9	12.9			
															800	5.7	18.6			
															862	5.9	19.3			
															1000	6.4	20.9			
															1350	7.5	24.6			
															1750	8.7	28.4			
															2150	9.7	31.9			
															2400	10.4	34.0			



Return loss at 5-470 MHz: 23 dB
 470-1000 MHz: 20 dB
 1000-2000 MHz: 18 dB
 2000-3000 MHz: 16 dB

Screening attenuation at 30-1000 MHz: 85 dB
 Transfer impedance at 5-30 MHz: 15.0 m /m
 Screening Class: B
 Pulling Tension: 55 N

Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket

70°C	H125A01	B-328	B-100	8.2	3.7	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	see above				
		820	250	20.4	9.3															
		1640	500	40.8	18.5															



Return loss at 5-470 MHz: 23 dB
 470-1000 MHz: 20 dB
 1000-2000 MHz: 18 dB
 2000-3000 MHz: 16 dB

Screening attenuation at 30-1000 MHz: 75 dB
 Transfer impedance at 5-30 MHz: 40.0 m /m
 Screening Class: C
 Pulling Tension: 55 N

Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket

70°C	H125A03	IEC 332-1	B-328	B-100	9.3	4.2	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	see above				
		1640	500	46.3	21.0																



Return loss at 5-470 MHz: 23 dB
 470-1000 MHz: 20 dB
 1000-2000 MHz: 18 dB
 2000-3000 MHz: 16 dB

Screening attenuation at 30-1000 MHz: 75 dB
 Transfer impedance at 5-30 MHz: 40.0 m /m
 Screening Class: C
 Pulling Tension: 55 N

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

70°C	H125A00	B-328	B-100	9.7	4.4	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	see above				
		U-820	U-250	24.3	11.0															
		1640	500	48.5	22.0															



Return loss at 5-470 MHz: 23 dB
 470-1000 MHz: 20 dB
 1000-2000 MHz: 18 dB
 2000-3000 MHz: 16 dB

Screening attenuation at 30-1000 MHz: 75 dB
 Transfer impedance at 5-30 MHz: 40.0 m /m
 Screening Class: C
 Pulling Tension: 55 N

Brown, Crème and Grey available in B-100 m only.

Gas-Injected Polyethylene Insulation • Black PVC Jacket

70°C	H125A04	820	250	46.8	21.3	1.0 mm Solid BC 50.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 40% TC Braid 27.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	see above				



ShotGun

Return loss at 5-470 MHz: 23 dB
 470-1.000 MHz: 20 dB
 1000-2000 MHz: 18 dB
 2000-3000 MHz: 16 dB

Screening attenuation at 30-1000 MHz: 75 dB
 Transfer impedance at 5-30 MHz: 40.0 m /m
 Screening Class: C
 Pulling Tension: 55 N

Gas-Injected Polyethylene Insulation • Black PE Jacket

70°C	H125A02	1640	500	83.8	38.0	1.0 mm Solid BC 41.0 /km* 23.0 /km**	0.189	4.80	Duofoil® + 50% TC Braid 18.0 /km*** 5.4 mm	0.268	6.80	75	81%	16.8	55.0	see above				



Return loss at 5-470 MHz: 23 dB
 470-1000 MHz: 20 dB
 1000-2000 MHz: 18 dB
 2000-3000 MHz: 16 dB

Screening attenuation at 30-1000 MHz: 75 dB
 Transfer impedance at 5-30 MHz: 15.0 m /m
 Screening Class: B
 Pulling Tension: 3500 N

4.4 mm ZP messenger






* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • ZP = Stranded Zinc-Plated Steel
 Duofoil® see technical information page 23.13.

Broadband Coax

Drop Cables



BROADBAND

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m
H125D • Solid 1.0 mm Bare Copper • Duobond Plus® • 50 % Tinned Copper Shield																			
Gas-Injected Polyethylene Insulation • PE Jacket (Green with White Stripes)																			
70°C	H125D00		1640	500	45.2	20.5	1.0 mm	0.189	4.80	Duobond Plus® + 50% TC Braid 14.0 /km*** 5.6 mm	0.280	7.10	75	80%	16.8	55.0	5	0.5	1.7
			3280	1000	90.4	41.0	Solid BC 37.0 /km* 23.0 /km**										50	1.4	4.7
																			
Shorting Fold																			
BTQ																			
Return loss at			5-470 MHz: 23 dB					Screening attenuation at 30-1000 MHz: 95 dB											
			470-1000 MHz: 20 dB					Transfer impedance at 5-30 MHz: 5.0 m /m											
			1000-2000 MHz: 18 dB					Screening Class: A											
			2000-3000 MHz: 16 dB					Pulling Tension: 60 N											
CT100C • Solid 1.0 mm Bare Copper • Copper-Foil • 53 % Bare Copper Braid																			
5-Cell Polyethylene Insulation • PVC Jacket (Black, Brown and White)																			
70°C	CT100C0		328	100	11.5	5.2	1.0 mm	0.185	4.70	Cu-foil + 53% BC Braid 15.0 /km*** 5.35 mm	0.262	6.65	75	82%	16.8	55.0	50	1.5	4.6
			820	250	28.1	13.0	Solid BC 41.0 /km* 26.0 /km**										230	3.0	9.8
																			
500 m put-up available in Black only.																			
Return loss at			5-470 MHz: 23 dB					Screening attenuation at 30-1000 MHz: 75 dB											
			470-1000 MHz: 20 dB					Transfer impedance at 5-30 MHz: 15.0 m /m											
			1000-2000 MHz: 18 dB					Screening Class: B											
			2000-3000 MHz: 16 dB					Pulling Tension: 55 N											
CT100C3 • Solid 1.0 mm Bare Copper • Copper-Foil • 53 % Bare Copper Braid																			
5-Cell Polyethylene Insulation • PVC RBS Jacket (Black and White)																			
70°C	CT100C3		328	100	11.2	5.1	1.0 mm	0.185	4.70	Cu-foil + 53% BC Braid 15.0 /km*** 5.35 mm	0.262	6.65	75	82%	16.8	55.0	see above		
			820	250	28.1	12.8	Solid BC 41.0 /km* 26.0 /km**										230	3.0	9.8
																			
RBS jacket																			
Return loss at			5-470 MHz: 23 dB					Screening attenuation at 30-1000 MHz: 75 dB											
			470-1000 MHz: 20 dB					Transfer impedance at 5-30 MHz: 15.0 m /m											
			1000-2000 MHz: 18 dB					Screening Class: B											
			2000-3000 MHz: 16 dB					Pulling Tension: 55 N											
CT100C1 • Solid 1.0 mm Bare Copper • Duofoil® • 31 % Tinned Copper Braid																			
5-Cell Polyethylene Insulation • Black FRNC/LSNH Jacket																			
70°C	CT100C1		3280	1000	116.8	53.0	1.0 mm	0.185	4.70	Cu-foil + 53% BC Braid 15.0 /km*** 5.35 mm	0.262	6.65	75	82%	16.8	55.0	see above		
							Solid BC 41.0 /km* 26.0 /km**												
																			
Return loss at			5-470 MHz: 23 dB					Screening attenuation at 30-1000 MHz: 75 dB											
			470-1000 MHz: 20 dB					Transfer impedance at 5-30 MHz: 15.0 m /m											
			1000-2000 MHz: 18 dB					Screening Class: B											
			2000-3000 MHz: 16 dB					Pulling Tension: 55 N											
H124A • Solid 1.0 mm Bare Copper • Duofoil® • 31 % Tinned Copper Braid																			
Gas-Injected Polyethylene Insulation • White PVC Jacket																			
70°C	H124A00		B-328	B-100	6.8	3.1	1.0 mm	0.173	4.40	Duofoil® + 31% TC Braid 23.0 /km*** 5.1 mm	0.232	5.90	75	84%	16.2	53.0	5	0.6	2.0
			U-820	U-250	17.1	7.8	Solid BC 58.0 /km* 35.0 /km**										50	1.4	4.5
																			
Return loss at			5-470 MHz: 23 dB					Screening attenuation at 30-1000 MHz: 75 dB											
			470-1000 MHz: 20 dB					Transfer impedance at 5-30 MHz: 40.0 m /m											
			1000-2000 MHz: 18 dB					Screening Class: C											
			2000-3000 MHz: 16 dB					Pulling Tension: 55 N											

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

Duofoil® and Duobond Plus® see technical information page 23.13.