Broadband Coax

Trunk Cables

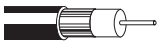
BROADBAND

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/100 ft.	Nominal Attenuation dB/100 m
Coax 3C • Solid 3.38 mm Bare Copper • **Copper-Foil** • 60 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX3C0**		2296	700	496.9	225.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60 % BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80	75	84 %	16.5	54.0	5	0.1	0.4
			3444	1050	745.4	338.1											50	0.4	1.3
																	100	0.5	1.8
																	230	0.9	2.9
																	400	1.2	3.9
																	800	1.7	5.7
 FB20																	862	1.8	5.9
																	1000	2.0	6.5
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1200 N								1350	2.3	7.7
																	1750	2.7	9.0
																	2150	3.1	10.2
																	2400	3.3	10.9
70°C	**CX3C3**		2296	700	626.5	284.2	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60 % BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80 x 30.00	75	84 %	16.5	54.0			see above
 FB20																			
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 6000 N										
Available in Black. 7.2 mm ZP messenger																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**CX3C2**	IEC 332-1	2296	700	620.4	281.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil + 60 % BC Braid 2.6 Ω/km*** 15.8 mm	0.780	19.80	75	84 %	16.5	54.0			see above
 FB20																			
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1200 N										
Coax 3C • Solid 3.38 mm Bare Copper • **Copper-Foil**																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX3C1**		2296	700	419.8	190.4	3.38 mm Solid BC 4.5 Ω/km* 1.9 Ω/km**	0.587	14.90	Cu-foil 2.6 Ω/km*** 15.3 mm	0.709	18.00	75	84 %	16.5	54.0			see above
			3444	1050	629.6	285.6													
 FB18																			
			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 0.8 mΩ/m Screening Class: A++ Pulling Tension: 1200 N										

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

Broadband Coax
Trunk Cables

BROADBAND

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

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

Broadband Coax

Trunk Cables

BROADBAND

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/100 ft.	Nominal Attenuation dB/100 m
Coax 4C • Solid 2.23 mm Bare Copper • **Copper-Foil** • 60 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX4C0**		1640	500	183.0	83.0	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil + 60 % BC Braid 4.5 Ω/km*** 11.0 mm	0.543	13.80	75	82 %	16.5	54.0	5	0.2	0.6
			3280	1000	366.0	166.0											50	0.6	1.9
																	100	0.9	2.8
																	230	1.3	4.4
																	400	1.8	5.9
																	800	2.7	8.8
																	862	2.8	9.2
																	1000	3.0	10.0
																	1350	3.6	11.9
																	1750	4.2	13.9
																	2150	4.8	15.7
																	2400	5.1	16.8
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N										
70°C	**CX4C3**		1640	500	248.0	112.5	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil + 60 % BC Braid 4.5 Ω/km*** 11.0 mm	0.543	13.80 x 21.50	75	82 %	16.5	54.0			see above
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 6000 N										
Available in Black. 5.8 mm ZP messenger																			
Gas-Injected Polyethylene Insulation • Grey FRNC/LSNH Jacket																			
70°C	**CX4C2**	IEC 332-1	1640	500	211.6	96.0	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil + 60 % BC Braid 4.5 Ω/km*** 11.0 mm	0.543	13.80	75	82 %	16.5	54.0			see above
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 400 N										
Coax 4C • Solid 2.23 mm Bare Copper • **Copper-Foil**																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**CX4C1**		1640	500	177.5	80.5	2.23 mm Solid BC 9.0 Ω/km* 4.5 Ω/km**	0.402	10.20	Cu-foil 4.5 Ω/km*** 10.6 mm	0.543	13.80	75	82 %	16.5	54.0			see above
			3280	1000	354.9	161.0													
 FB14			Return loss at 5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2150 MHz: ≥ 18 dB							Screening attenuation at 30-1000 MHz: ≥ 100 dB Transfer impedance at 5-30 MHz: ≤ 1.9 mΩ/m Screening Class: A+ Pulling Tension: 600 N										

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

Broadband Coax
Distribution Cables

BROADBAND

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric) inch	Nominal Core OD (Dielectric) mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/100 ft.	Nominal Attenuation dB/100 m
Series 11 • 14 AWG • Solid 1.63 mm Copper-Covered Steel • **Duobond® II** • 60 % Aluminum Braid																			
Gas-Injected Foam Polyethylene Insulation • PVC Jacket (Black and White)																			
80°C	**1523A**	NEC: CATV CM CEC: CM	1000	305	67.0	30.4	1.63 mm 14 AWG Solid CCS 49.6 Ω/km* 36.1 Ω/km**	0.280	7.11	Duobond® II + 60% AL Braid 13.4 Ω/km*** 7.98 mm	0.400	10.16	75	83%	16.2	53.1	5 55 240 450 862 1000 1450 1800 2250 3000	0.3 0.9 1.8 2.5 3.5 3.8 5.0 5.7 6.5 8.0	1.1 3.0 5.8 8.0 11.4 12.4 16.4 18.7 21.3 26.3
			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2150 MHz: ≥ 18 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 1156 N Sweep tested. 5 MHz to 1 GHz.									
80°C Aerial	**1524AM**		1000	305	90.0	40.8	1.63 mm 14 AWG Solid CCS 49.6 Ω/km* 36.1 Ω/km**	0.280	7.11	Duobond® II + 60% AL Braid 13.4 Ω/km*** 7.98 mm	0.400 x 0.580	10.16 x 14.73	75	83%	16.2	53.1			see above		
			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2150 MHz: ≥ 18 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 2400 N Sweep tested. 5 MHz to 1 GHz.									
1.83 mm galvanized steel messenger																			
Gas-Injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
80°C Burial	**1525A**		1000	305	60.2	27.3	1.63 mm 14 AWG Solid CCS 49.6 Ω/km* 36.1 Ω/km**	0.280	7.11	Duobond® II + 60% AL Braid 13.4 Ω/km*** 7.98 mm	0.400	10.16	75	83%	16.2	53.1			see above		
Core Guard®																			
			Return loss at	5-470 MHz: ≥ 23 dB 470-862 MHz: ≥ 20 dB 862-2150 MHz: ≥ 18 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 1156 N Sweep tested. 5 MHz to 1 GHz.									
PRG11C • Solid 1.55 mm Bare Copper • **Copper-Foil** • 50 % Bare Copper Braid																			
Gas-Injected Polyethylene Insulation • Polyethylene Jacket (Black or Green)																			
70°C	**PRG11C0**		820 1640 3280	250 500 1000	37.5 75.0 149.9	17.0 34.0 68.0	1.55 mm Solid BC 20.0 Ω/km* 9.4 Ω/km**	0.285	7.25	Cu-foil + 50% BC Braid 10.6 Ω/km*** 7.9 mm	0.398	10.10	75	81%	16.8	55.0	5 50 230 470 862 1000 1350 1750 2150 2400 3000	0.3 0.9 1.8 2.7 3.7 4.1 4.9 5.7 6.4 6.9 7.8	0.9 2.8 6.0 8.8 12.2 13.6 16.1 18.7 21.1 22.5 25.7
			Return loss at	5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 225 N									
1000 m put-up available in Black only.																			
70°C	**PRG11C6**		820 1640 3280	250 500 1000	63.4 126.8 253.5	28.8 57.5 115.0	1.55 mm Solid BC 20.0 Ω/km* 9.4 Ω/km**	0.285	7.25	Cu-foil + 50% BC Braid 10.6 Ω/km*** 7.9 mm	0.398	10.10 x 16.20	75	81%	16.8	55.0			see above		
			Return loss at	5-470 MHz: ≥ 26 dB 470-1000 MHz: ≥ 23 dB 1000-2000 MHz: ≥ 18 dB 2000-3000 MHz: ≥ 16 dB						Screening attenuation at 30-1000 MHz: ≥ 85 dB Transfer impedance at 5-30 MHz: ≤ 5.0 mΩ/m Screening Class: A Pulling Tension: 4600 N									
Available in Black. 4.6 mm ZP messenger																			

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

Duobond® II see technical information page 23.13.

Broadband Coax
Drop Cables

BROADBAND

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

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

Gas-Injected Polyethylene Insulation • Black PVC Jacket

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

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

Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m; Screening Class: B; Pulling Tension: 90 N

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

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

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

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

Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m; Screening Class: B; Pulling Tension: 80 N

250 m put-up available in Black only.

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

70°C	**PRG7C00**	B-328	B-100	10.4	4.7	1.2 mm Solid BC 34.6 Ω/km* 15.6 Ω/km**	0.213	5.40	Cu-foil + 40 % BC Braid 19.0 Ω/km*** 5.84 mm	0.280	7.10	75	83 %	16.5	54.0				see above
		820	250	25.9	11.8														
		1640	500	51.8	23.5														
		3280	1000	103.4	46.9														

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

Screening attenuation at 30-1000 MHz: ≥ 75 dB; Transfer impedance at 5-30 MHz: ≤ 15.0 mΩ/m; Screening Class: B; Pulling Tension: 80 N

1000 m put-up available in Black only.

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

Gas-Injected Polyethylene Insulation • Black PVC Jacket

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

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

Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 39.0 mΩ/m; Screening Class: C; Pulling Tension: 80 N

Gas-Injected Polyethylene Insulation • Black Polyethylene Jacket

70°C	**PRG7A01**	3280	1000	147.7	67.0	1.2 mm Solid BC 39.6 Ω/km* 15.6 Ω/km**	0.213	5.40	Duofoil® + 40 % TC Braid 24.0 Ω/km*** 5.84 mm	0.280	7.10 x 14.00	75	83 %	16.5	54.0				see above

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

Screening attenuation at 30-1000 MHz: ≥ 85 dB; Transfer impedance at 5-30 MHz: ≤ 39.0 mΩ/m; Screening Class: C; Pulling Tension: 3500 N

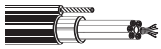
3.6 mm ZP messenger

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

Multi Loose Tube Cables

Aerial – Outdoor

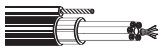
Description	Part No.	No. of Fibers	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Fiber Size µm	Nom. Buffer / Tube OD inch	Nom. Buffer / Tube OD mm	Strength Members	Nominal OD inch	Nominal OD mm	Central Element mm	Pulling Tension N	Crush Resistance kN/m	Energy kJ/m	Bending Radii Cable (mm) static	Bending Radii Cable (mm) dynamic
GALH • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • **A-DSF(L)2YT (Span = 50 m)**																		
Filled Construction • Black PE (HDPE) Jacket • Figure 8, Steel Messenger																		
-30/70°C		6888	2100	793.7	360.0	Ø 250 ± 15	0.059	1.5	Steel Messenger	0.380 0.790	9.8 20.0	1.7	4000	20	–	147	196



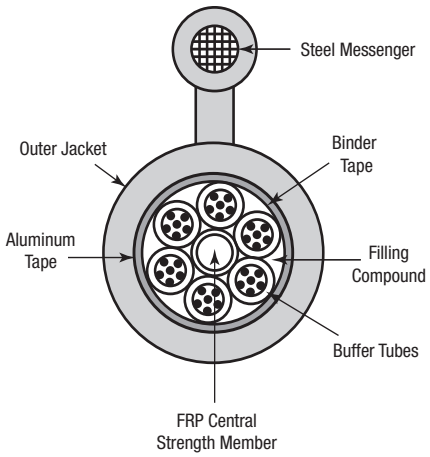
GALHx04 4 (1x4)
GALHx08 8 (2x4)
GALHx12 12 (3x4)
GALHx16 16 (4x4)
GALHx20 20 (5x4)
GALHx24 24 (6x4)

Color Code: see chart page 16.23
Optional: higher pulling tension available upon request.

Description	Part No.	No. of Fibers	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Fiber Size µm	Nom. Buffer / Tube OD inch	Nom. Buffer / Tube OD mm	Strength Members	Nominal OD inch	Nominal OD mm	Central Element mm	Pulling Tension N	Crush Resistance kN/m	Energy kJ/m	Bending Radii Cable (mm) static	Bending Radii Cable (mm) dynamic
GALD • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • **A-DSF(L)2YT (Span = 50 m)**																		
Filled Construction • Black PE (HDPE) Jacket • Figure 8, Steel Messenger																		
-30/70°C		6888	2100	1091.3	495.0	Ø 250 ± 15	0.098	2.5	Steel Messenger	0.500 0.914	12.8 23.0	2.7	4000	20	–	192	256



GALDx12 12 (1x12)
GALDx24 24 (2x12)
GALDx36 36 (3x12)
GALDx48 48 (4x12)
GALDx60 60 (5x12)
GALDx72 72 (6x12)



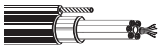
Color Code: see chart page 16.23
Optional: higher pulling tension available upon request.

Optical characteristics see page 16.21.

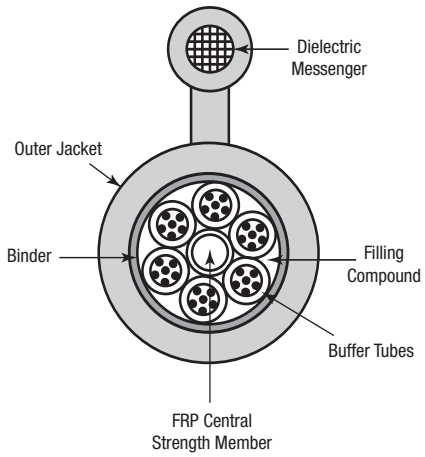
Multi Loose Tube Cables

Aerial – Outdoor, All Dielectric

Description	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Resistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dynamic
GAAD • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • **A-DF(ZN)2YT (Span = 50 m)**																		
Filled Construction • Black PE (HDPE) Jacket • Figure 8, Dielectric Messenger																		
-30/70°C		6888	2100	910.5	413.0	Ø 250 ± 15	0.098	2.5	FRP Rod Messenger	0.50 0.95	12.7 24.0	2.7	4000	20	–	192	256



GAADx12 12 (1x12)
GAADx24 24 (2x12)
GAADx36 36 (3x12)
GAADx48 48 (4x12)
GAADx60 60 (5x12)
GAADx72 72 (6x12)



Color Code: see chart page 16.23
Optional: higher pulling tension available upon request.

Optical characteristics see page 16.21.