

Central Loose Tube Cables

Outdoor – Corrugated Steel Tape Armor (CST), Full Rodent Protection

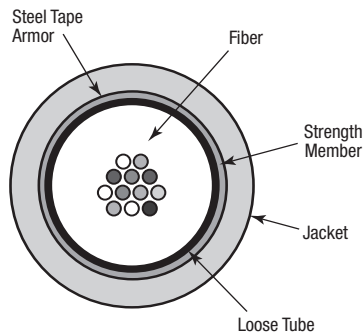
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GOCB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • CST • **A-DQ(ZN)(SR)2Y**

Dry Construction • Single Black PE Jacket																		
-30/70°C			6888	2100	518.5	235.2	∅ 250 ± 15	0.16	4.0	Longitudinal watertightness Swellable Glass Yarn	0.42	10.6	no	2000	40	-	106	212



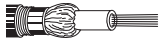
- GOCBx02 2
- GOCBx04 4
- GOCBx06 6
- GOCBx08 8
- GOCBx12 12
- GOCBx16 16
- GOCBx24 24



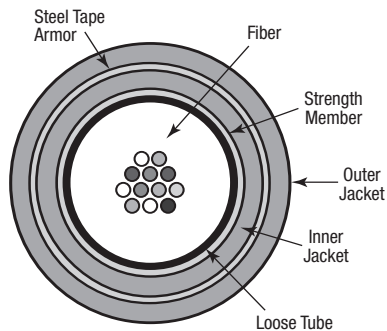
Color Code: see chart page 16.23

GOD • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • CST • **A-DQ(ZN)2Y(SR)2Y**

Dry Construction • Double Black PE Jacket																		
-30/70°C			6888	2100			∅ 250 ± 15			Longitudinal watertightness Swellable Glass Yarn								



GODAx02 2					666.7	302.4			0.11	2.8		0.43	11.0	no	2000	40	-	110	220
GODAx04 4																			
GODAx06 6																			
GODAx08 8																			
GODAx12 12																			
GODBx16 16					822.3	373.0			0.16	4.0		0.496	12.6	no	2000	40	-	126	232
GODBx24 24																			



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

Central Loose Tube Cables

Universal – Indoor/Outdoor, Corrugated Steel Tape Armor (CST), Full Rodent Protection

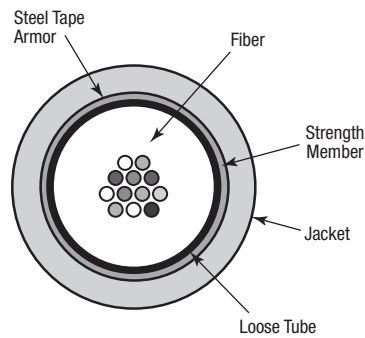
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending radii cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GUCB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • CST • **A/I-DQ(ZN)(SR)H**

Dry Construction • Single Black FRNC/LSNH Jacket																		
-30/70°C	EN 50266-2-2 EN 50267-2-2 EN 50268-2, EN 60331-25		6888	2100	685.2	310.8	∅ 250 ± 15	0.16	4.0	Longitudinal watertightness Swellable Glass Yarn	0.42	10.6	no	2000	40	-	106	212



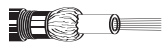
- GUCBx02 2
- GUCBx04 4
- GUCBx06 6
- GUCBx08 8
- GUCBx12 12
- GUCBx16 16
- GUCBx24 24



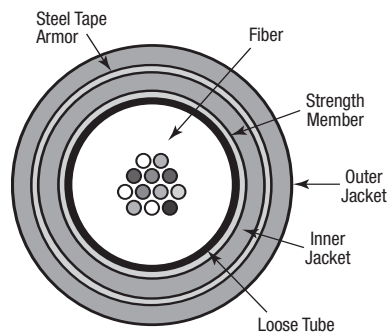
Color Code: see chart page 16.23

GUD • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • CST • **A/I-DQ(ZN)H(SR)H**

Dry Construction • Double Black FRNC/LSNH Jacket																			
-30/70°C	EN 50266-2-2 EN 50267-2-2 EN 50268-2		6888	2100			∅ 250 ± 15			Longitudinal watertightness Swellable Glass Yarn									



- GUDAx02 2
- GUDAx04 4
- GUDAx06 6
- GUDAx08 8
- GUDAx10 10
- GUDAx12 12
- GUDBx16 16
- GUDBx24 24



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

16 • Networking – Fiber

Multi Loose Tube Cables

Outdoor – Full Rodent Protection, Corrugated Steel Tape Armor (CST)

De- scription	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 Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GBD • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • CST • **A-DQ(ZN)2Y(SR)2Y**

Dry Construction • Double Black PE (HDPE) Jacket

-30/70°C

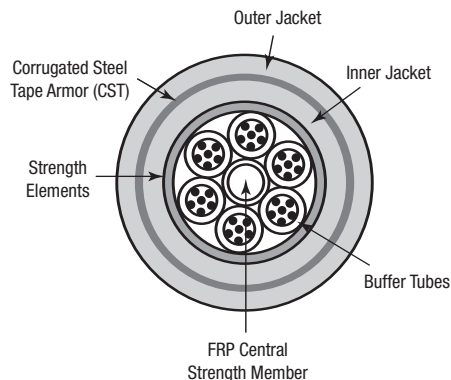


GBDGx04	4 (1x4)	6888	2100	838.0	380.1	∅ 250 ± 15	0.07	1.9	Water-blocking Aramid Yarn	0.52	13.2	2.0	3000	50	–	198	264
GBDGx06	6 (1x6)	13448	4100	1636.0	742.1												
GBDGx08	8 (2x4)																
GBDGx12	12 (2x6)																
GBDGx18	18 (3x6)																
GBDGx24	24 (4x6)																
GBDGx30	30 (5x6)																
GBDGx36	36 (6x6)																
GBDDx24	24 (2x12)	6888	2100	1046.3	474.6	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.60	15.2	2.7	3500	50	–	228	304
GBDDx36	36 (3x12)																
GBDDx48	48 (4x12)																
GBDDx60	60 (5x12)																
GBDDx72	72 (6x12)																
GBDEx84	84 (7x12)	6888	2100	1273.2	577.5	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.69	17.4	3.0/4.3	4000	50	–	261	348
GBDEx96	96 (8x12)																
GBDFx08	108 (9x12)	6888	2100	1555.6	705.6	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.81	20.5	3.0/7.5	4000	50	–	308	410
GBDFx20	120 (10x12)																
GBDFx32	132 (11x12)																
GBDFx44	144 (12x12)																
GBDMx16	216 (18x12)	6888	2100	1759.3	798.0	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.85	21.5	2.7	4000	50	–	323	430
GBDLx92	192 (8x24)	6888	2100	–	–	∅ 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	0.85	21.5	3.0/6.0	4000	50	–	323	430
GBDJx88	288 (12x24)	6888	2100	–	–	∅ 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.02	26.0	3.0/10.5	4000	50	–	390	520
GBDLx32	432 (18x24)	6888	2100	–	–	∅ 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.04	26.5	2.7/3.7	4000	50	–	398	530

Color Code: see chart page 16.23

Loose tubes: 1. Red, 2. Green, rest of tubes White

Blind elements: Clear



Optical characteristics see page 16.21.

* jelly-filled, non-dripping and silicone-free

Multi Loose Tube Cables

Outdoor – Full Rodent Protection, Corrugated Steel Tape Armor (CST)

De- scription	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 Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GDD • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • CST • **A-DF(ZN)2Y(SR)2Y**

Filled Construction • Double Black PE (HDPE) Jacket

-30/70°C

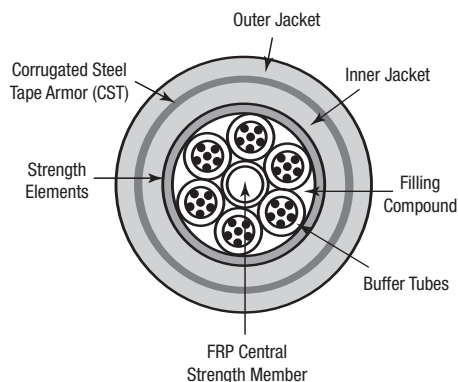


GDDGx04	4 (1x4)	6888	2100	851.9	386.4	Ø 250 ± 15	0.07	1.9	Water-blocking Aramid Yarn	0.51	13.0	2.0	3000	50	-	195	260
GDDGx06	6 (1x6)	13448	4100	1663.2	754.4												
GDDGx08	8 (2x4)																
GDDGx12	12 (2x6)																
GDDGx18	18 (3x6)																
GDDGx24	24 (4x6)																
GDDGx30	30 (5x6)																
GDDGx36	36 (6x6)																
GDDx24	24 (2x12)	6888	2100	1083.3	491.4	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.59	15.0	2.7	3500	50	-	225	300
GDDx36	36 (3x12)																
GDDx48	48 (4x12)																
GDDx60	60 (5x12)																
GDDx72	72 (6x12)																
GDDEx84	84 (7x12)	6888	2100	1319.5	598.5	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.67	17.1	3.0/4.3	4000	50	-	257	342
GDDEx96	96 (8x12)																
GDDFx08	108 (9x12)	6888	2100	1745.4	791.7	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.81	20.5	3.0/7.5	4000	50	-	308	410
GDDFx20	120 (10x12)																
GDDFx32	132 (11x12)																
GDDFx44	144 (12x12)																
GDDMx16	216 (18x12)	6888	2100	1990.8	903.0	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.83	21.0	2.7	4000	50	-	315	420
GDDIx92	192 (8x24)	6888	2100	-	-	Ø 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	0.83	21.0	3.0/6.0	4000	50	-	315	420
GDDJx88	288 (12x24)	6888	2100	-	-	Ø 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.00	25.5	3.0/10.5	4000	50	-	383	510
GDDLx32	432 (18x24)	6888	2100	-	-	Ø 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.02	26.0	2.7/3.7	4000	50	-	390	520

Color Code: see chart page 16.23

Loose tubes: 1. Red, 2. Green, rest of tubes White

Blind elements: Clear



Optical characteristics see page 16.21.

* jelly-filled, non-dripping and silicone-free

Multi Loose Tube Cables

Universal – Indoor/Outdoor, Full Rodent Protection, Corrugated Steel Tape Armor (CST)

De- scription	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 Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GCD • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • CST • **A/I-DQ(ZN)H(SR)H**

Dry Construction • Double Black LSZH Jacket

-30/70°C EN 50266-2-2
EN 50267-2-2
EN 50268-2

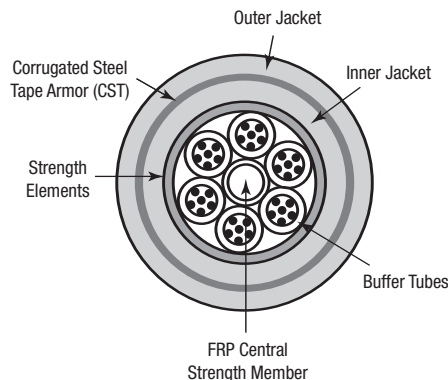


GCDGx04	4 (1x4)	6888	2100	1041.7	472.5	∅ 250 ± 15	0.07	1.9	Water-blocking Aramid Yarn	0.52	13.2	2.0	3000	50	-	198	264
GCDGx06	6 (1x6)	13448	4100	2033.7	922.5												
GCDGx08	8 (2x4)																
GCDGx12	12 (2x6)																
GCDGx18	18 (3x6)																
GCDGx24	24 (4x6)																
GCDGx30	30 (5x6)																
GCDGx36	36 (6x6)																
GCDx24	24 (2x12)	6888	2100	1296.3	588.0	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.60	15.2	2.7	3500	50	-	228	304
GCDx36	36 (3x12)																
GCDx48	48 (4x12)																
GCDx60	60 (5x12)																
GCDx72	72 (6x12)																
GCDEx84	84 (7x12)	6888	2100	1574.1	714.0	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.69	17.4	3.0/4.3	4000	50	-	261	348
GCDEx96	96 (8x12)																
GCDFx08	108 (9x12)	6888	2100	2055.6	932.4	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.81	20.5	3.0/7.5	4000	50	-	308	410
GCDFx20	120 (10x12)																
GCDFx32	132 (11x12)																
GCDFx44	144 (12x12)																
GCDMx16	216 (18x12)	6888	2100	2268.5	1029.0	∅ 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.85	21.5	2.7	4000	50	-	323	430
GCDIx92	192 (8x24)	6888	2100	-	-	∅ 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	0.85	21.5	3.0/6.0	4000	50	-	323	430
GCDJx88	288 (12x24)	6888	2100	-	-	∅ 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.02	26.0	3.0/10.5	4000	50	-	390	520
GCDLx32	432 (18x24)	6888	2100	-	-	∅ 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.04	26.5	2.7/3.7	4000	50	-	398	530

Color Code: see chart page 16.23

Loose tubes: 1. Red, 2. Green, rest of tubes White

Blind elements: Clear



Optical characteristics see page 16.21.
* jelly-filled, non-dripping and silicone-free

Multi Loose Tube Cables

Universal – Indoor/Outdoor, Full Rodent Protection, Corrugated Steel Tape Armor (CST)

De- scription	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 Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GED • Loose Tubes*/PE Blind Elements are S-Z Stranded Around the Central Element • Water-Blocked • CST • **A/I-DF(ZN)H(SR)H**

Filled Construction • Double Black LSZH Jacket

-30/70°C EN 50266-2-2
EN 50267-2-2
EN 50268-2

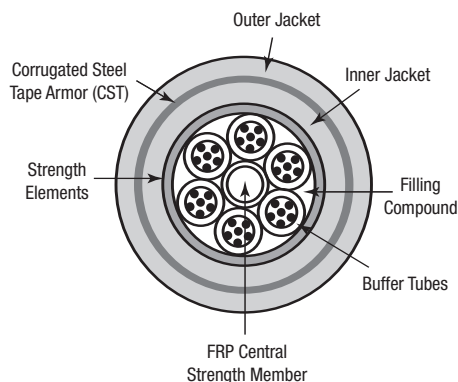


GEDGx04	4 (1x4)	6888	2100	1050.9	476.7	Ø 250 ± 15	0.07	1.9	Water-blocking Aramid Yarn	0.51	13.0	2.0	3000	50	-	195	260
GEDGx06	6 (1x6)	13448	4100	2051.8	930.7												
GEDGx08	8 (2x4)																
GEDGx12	12 (2x6)																
GEDGx18	18 (3x6)																
GEDGx24	24 (4x6)																
GEDGx30	30 (5x6)																
GEDGx36	36 (6x6)																
GEDDx24	24 (2x12)	6888	2100	1324.1	600.6	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.59	15.0	2.7	3500	50	-	225	300
GEDDx36	36 (3x12)																
GEDDx48	48 (4x12)																
GEDDx60	60 (5x12)																
GEDDx72	72 (6x12)																
GEDEx84	84 (7x12)	6888	2100	1606.5	728.7	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.67	17.1	3.0/4.3	4000	50	-	257	342
GEDEx96	96 (8x12)																
GEDEFx08	108 (9x12)	6888	2100	2101.9	953.4	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.81	20.5	3.0/7.5	4000	50	-	308	410
GEDEFx20	120 (10x12)																
GEDEFx32	132 (11x12)																
GEDEFx44	144 (12x12)																
GEDMx16	216 (18x12)	6888	2100	2361.1	1071.0	Ø 250 ± 15	0.10	2.5	Water-blocking Aramid Yarn	0.83	21.0	2.7	4000	50	-	315	420
GEDIx92	192 (8x24)	6888	2100	-	-	Ø 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	0.83	21.0	3.0/6.0	4000	50	-	315	420
GEDJx88	288 (12x24)	6888	2100	-	-	Ø 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.00	25.5	3.0/10.5	4000	50	-	383	510
GEDLx32	432 (18x24)	6888	2100	-	-	Ø 250 ± 15	0.14	3.5	Water-blocking Aramid Yarn	1.02	26.0	2.7/3.7	4000	50	-	390	520

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