

Central Loose Tube Cables

Outdoor – Standard 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

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

Dry Construction • Black PE (UV-resistant) Jacket																		
-30/70°C			13448	4100	334.4	151.7	∅ 250 ± 15	0.13	3.2	Longitudinal watertightness Swellable Glass Yarn (6)	0.23	5.8	no	700	10	-	58	87



- GOSAx02 2
- GOSAx04 4
- GOSAx06 6
- GOSAx08 8
- GOSAx12 12

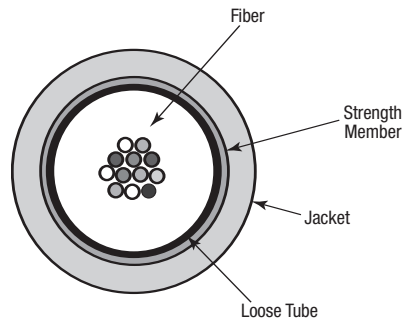
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GOSB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • **A-DQ(ZN)2Y**

Dry Construction • Black PE (UV-resistant) Jacket																		
-30/70°C			6888	2100	305.6	138.6	∅ 250 ± 15	0.17	4.2	Longitudinal watertightness Swellable Glass Yarn (6)	0.34	8.7	no	1400	15	-	87	131



- GOSBx02 2
- GOSBx04 4
- GOSBx06 6
- GOSBx08 8
- GOSBx12 12
- GOSBx16 16
- GOSBx24 24



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

Central Loose Tube Cables

Outdoor – Improved 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

GORA • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • A-DQ(ZN)B2Y

Dry Construction • Black PE (UV-resistant) Jacket																		
-30/70°C			13448	4100	497.1	225.5	Ø 250 ± 15	0.13	3.2	Longitudinal watertightness Swellable Glass Yarn (14)	0.28	7.1	no	1400	10	755	71	107



- GORAx02 2
- GORAx04 4
- GORAx06 6
- GORAx08 8
- GORAx12 12

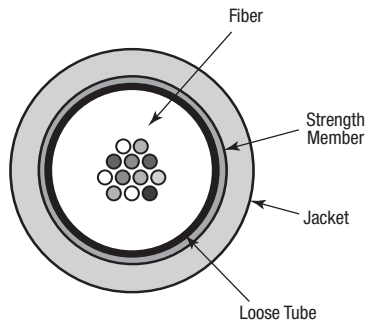
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GORB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • A-DQ(ZN)B2Y

Dry Construction • Black PE (UV-resistant) Jacket																		
-30/70°C			6888	2100	444.4	201.6	Ø 250 ± 15	0.17	4.2	Longitudinal watertightness Swellable Glass Yarn (14)	0.40	10.2	no	4000	15	2200	102	153



- GORBx02 2
- GORBx04 4
- GORBx06 6
- GORBx08 8
- GORBx12 12
- GORBx16 16
- GORBx24 24



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

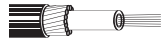
Central Loose Tube Cables

Outdoor – Fiber Reinforced Plastic Armor (FRP), Full Rodent Protection

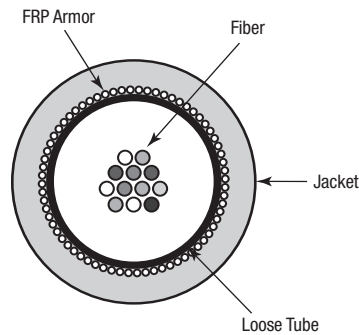
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size μm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GOFB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Water-Blocked • FRP • **A-DQB2Y (FRP1.0)**

Dry Construction • Single Black PE Jacket																		
-30/70°C			6888	2100	352.7	160.0	∅ 250 ± 15	0.16	4.0	FRP Rods	0.354	9.0	no	4000	40	-	90	180



- GOFBx02 2
- GOFBx04 4
- GOFBx06 6
- GOFBx08 8
- GOFBx12 12
- GOFBx16 16
- GOFBx24 24



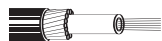
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Outdoor – Steel Wire Armor (SWA), Full Rodent Protection

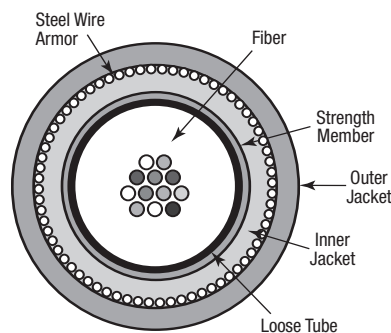
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size μm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending radii cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GOWB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • SWA • **A-DQ(ZN)2YB2Y (R0.63vzk)**

Dry Construction • Double Black PE Jacket																		
-30/70°C			6888	2100	1029.7	467.0	∅ 250 ± 15	0.16	4.0	Longitudinal watertightness Swellable Glass Yarn	0.512	13.0	no	6500	50	-	130	260



- GOWBx02 2
- GOWBx04 4
- GOWBx06 6
- GOWBx08 8
- GOWBx12 12
- GOWBx16 16
- GOWBx24 24



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

Central Loose Tube Cables

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

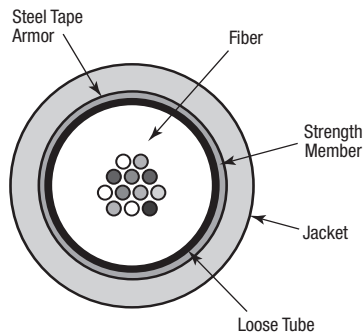
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

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



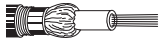
- GOCBx02 2
- GOCBx04 4
- GOCBx06 6
- GOCBx08 8
- GOCBx12 12
- GOCBx16 16
- GOCBx24 24



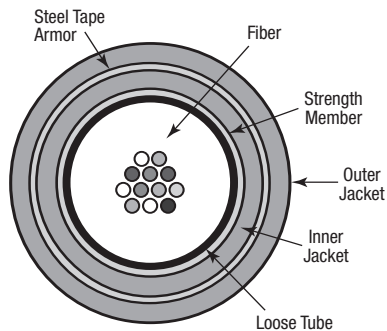
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GOD • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • CST • **A-DQ(ZN)2Y(SR)2Y**

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, Standard 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

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

Dry Construction • Orange FRNC/LSNH Jacket																		
-30/70°C	IEC 60332-3C		13448	4100	334.4	151.7	∅ 250 ± 15	0.13	3.2	Longitudinal watertightness Swellable Glass Yarn (6)	0.23	5.8	no	700	10	550	58	87



- GUSAx02 2
- GUSAx04 4
- GUSAx06 6
- GUSAx08 8
- GUSAx12 12

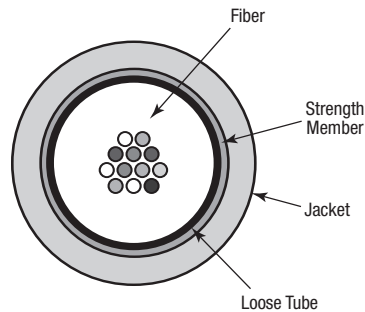
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GUSB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • A/I-DQ(ZN)H

Dry Construction • Orange FRNC/LSNH Jacket																		
-30/70°C	IEC 60332-3C		6888	2100	333.3	151.2	∅ 250 ± 15	0.17	4.2	Longitudinal watertightness Swellable Glass Yarn (6)	0.34	8.7	no	1400	15	1370	87	131



- GUSBx02 2
- GUSBx04 4
- GUSBx06 6
- GUSBx08 8
- GUSBx12 12
- GUSBx16 16
- GUSBx24 24



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

Central Loose Tube Cables

Universal – Indoor/Outdoor, Improved 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

GURA • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • **A/I-DQ(ZN)BH**

Dry Construction • Orange FRNC/LSNH Jacket																		
-30/70°C	IEC 60332-3C		13448	4100	497.1	225.5	Ø 250 ± 15	0.13	3.2	Longitudinal watertightness Swellable Glass Yarn (14)	0.28	7.1	no	1400	10	755	71	107



- GURAx02 2
- GURAx04 4
- GURAx06 6
- GURAx08 8
- GURAx12 12

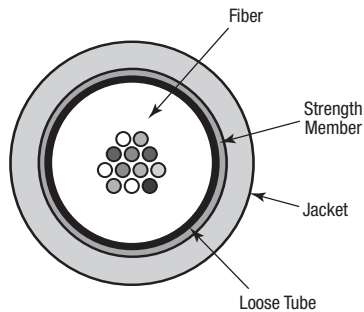
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GURB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • **A/I-DQ(ZN)BH**

Dry Construction • Orange FRNC/LSNH Jacket																		
-30/70°C	IEC 60332-3C		6888	2100	481.5	218.4	Ø 250 ± 15	0.17	4.2	Longitudinal watertightness Swellable Glass Yarn (14)	0.40	10.2	no	4000	15	1680	102	153



- GURBx04 4
- GURBx06 6
- GURBx08 8
- GURBx12 12
- GURBx16 16
- GURBx24 24



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Optical characteristics see page 16.21.

Central Loose Tube Cables

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

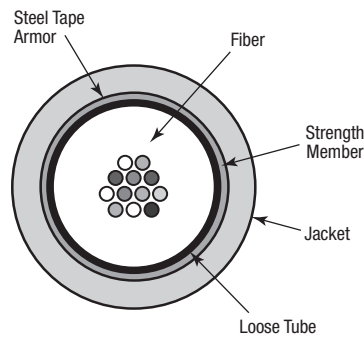
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending radii cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

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



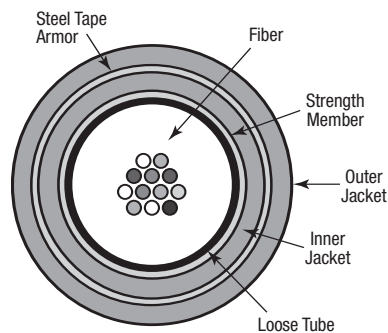
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GUD • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • CST • **A/I-DQ(ZN)H(SR)H**

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.

Central Loose Tube Cables

Universal – Indoor/Outdoor, Steel Wire Armor (SWA), Full Rodent Protection

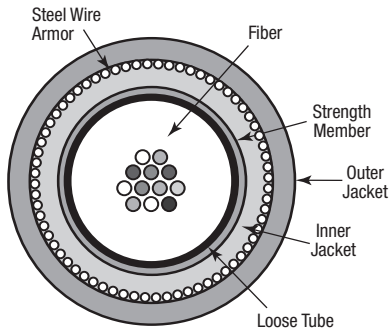
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

GUWB • Loose Tube (Jelly-Filled, Non-Dripping and Silicone-Free) • Longitudinal Watertightness • SWA • A/I-DQ(ZN)HBH (R0.63vzk)

Dry Construction • Double Black FRNC/LSNH Jacket																		
-30/70°C	6888	2100	1263.8	561.0	∅ 250 ± 15	0.16	4.0	Longitudinal watertightness Swellable Glass Yarn	0.51	13.0	no	6500	50	-	130	260		



- GUWBx02 2
- GUWBx04 4
- GUWBx06 6
- GUWBx08 8
- GUWBx12 12
- GUWBx16 16
- GUWBx24 24



Color Code: see chart page 16.23

Optical characteristics see page 16.21.