

Outdoor Central Loose Tube Cable
with Rodent Protection, Single Jacket

GOSN, GORN, GOVN

A-DQ(ZN)B2Y



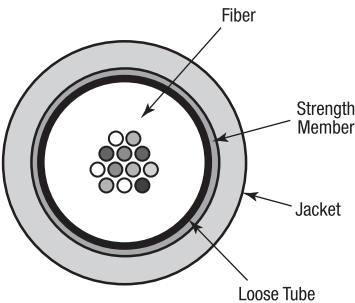
Applications

- For outdoor use in structured (data) wiring systems such as campus backbone
- For outdoor use in networks for telecom, cable TV and/or broadcast
- Easy to install in ducts, tunnels and trenches by means of compressed air or pulling wire
- Suitable for direct burial

Features & Benefits

- Available in sizes from 2 to 24 fibers
- Jelly filled (non-dripping and silicon-free) loose tube with primary coated optical fibers (Ø 250 ± 15 µm)
- Full dielectric construction, no grounding required
- Rodent protected by means of Glass Yarn Strength Elements
- Polyethylene jacket
- Length marking in meters for easy determination of the cable length

Cross Section



Specifications

IEC 60794-1-2	
Crush Resistance Installation (Short Term):	15 kN/m
Min. Bend Radius installation (E6):	20 x Ø
Min. Bend Radius operation (E11):	10 x Ø
Temperature Range (F1):	
– Transport/Storage	-30 °C to +70 °C
– Installation	-5 °C to +50 °C
– Operation	-30 °C to +70 °C
Watertightness (F5):	Pass

Characteristics

Loose Tube	Fiber Count	Diameter (mm)	Weight (kg/km)	Tensile Strength (short term) N	Tensile Strength (permanent) N	Fire Load (kJ/m)
IEC 60794-1-2				E1	E1	
GOSN*xx	2 to 24	5.8	28	1250	420	762
GORN*xx	2 to 24	7.1	44	3000	1000	1056
GOVN*xx	2 to 24	7.8	52	4000	1300	1350

Ordering Information

Fiber Type/Count	2	4	6	8	12	16	24
GOSN							
62.5/125-OM1	GOSN102	GOSN104	GOSN106	GOSN108	GOSN112	GOSN116	GOSN124
50/125-OM2	GOSN202	GOSN204	GOSN206	GOSN208	GOSN212	GOSN216	GOSN224
50/125-OM3	GOSND02	GOSND04	GOSND06	GOSND08	GOSND12	GOSND16	GOSND24
50/125-OM4	GOSNE02	GOSNE04	GOSNE06	GOSNE08	GOSNE12	GOSNE16	GOSNE24
9/125 ITU G.652D	GOSN802	GOSN804	GOSN806	GOSN808	GOSN812	GOSN816	GOSN824
9/125 ITU G.655 C & D	GOSN702	GOSN704	GOSN706	GOSN708	GOSN712	GOSN716	GOSN724
GORN							
62.5/125-OM1	GORN102	GORN104	GORN106	GORN108	GORN112	GORN116	GORN124
50/125-OM2	GORN202	GORN204	GORN206	GORN208	GORN212	GORN216	GORN224
50/125-OM3	GORND02	GORND04	GORND06	GORND08	GORND12	GORND16	GORND24
50/125-OM4	GORNE02	GORNE04	GORNE06	GORNE08	GORNE12	GORNE16	GORNE24
9/125 ITU G.652D	GORN802	GORN804	GORN806	GORN808	GORN812	GORN816	GORN824
9/125 ITU G.655 C & D	GORN702	GORN704	GORN706	GORN708	GORN712	GORN716	GORN724
GOVN							
62.5/125-OM1	GOVN102	GOVN104	GOVN106	GOVN108	GOVN112	GOVN116	GOVN124
50/125-OM2	GOVN202	GOVN204	GOVN206	GOVN208	GOVN212	GOVN216	GOVN224
50/125-OM3	GOVND02	GOVND04	GOVND06	GOVND08	GOVND12	GOVND16	GOVND24
50/125-OM4	GOVNE02	GOVNE04	GOVNE06	GOVNE08	GOVNE12	GOVNE16	GOVNE24
9/125 ITU G.652D	GOVN802	GOVN804	GOVN806	GOVN808	GOVN812	GOVN816	GOVN824
9/125 ITU G.655 C & D	GOVN702	GOVN704	GOVN706	GOVN708	GOVN712	GOVN716	GOVN724
GOSN • GORN • GOVN							
Std. plywood reel (non-returnable)				Ø 800 x 475 mm, Weight 7.65 kg and Ø 1000 x 530 mm, Weight 18.0 kg			
Std. delivery length				2100 ± 100 m and 4100 ± 100 m			

Fiber Color Coding

No.		No.		No.		No.		No.		No.	
1	Red	5	Green	9	Orange	13	Red + ring	17	Green + ring	21	Orange + ring
2	Natural	6	Violet	10	Turquoise	14	Natural + ring	18	Violet + ring	22	Turquoise + ring
3	Yellow	7	Brown	11	Pink	15	Yellow + ring	19	Brown + ring	23	Pink + ring
4	Blue	8	Black	12	White	16	Blue + ring	20	Grey + ring	24	White + ring