

Outdoor Central Loose Tube Cable
with Rodent Protection, Single Jacket

GMSN

A/I-DQ(ZN)B11Y



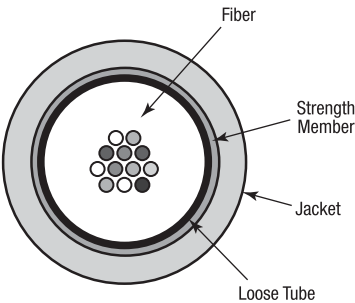
Applications

- For outdoor and indoor use in structured (data) wiring systems such as campus backbone, building backbone (riser) and/or Horizontal cabling
- Support all computer network applications such as FDDI, Gigabit Ethernet and ATM
- Easy to install in ducts, tunnels and trenches. Not recommended 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 ($\varnothing 250 \pm 15 \mu\text{m}$)
- Full dielectric construction, no grounding required
- Rodent protected by means of Glass Yarn Strength Elements
- TPU Jacket
- Length marking in meters for easy determination of the cable length

Cross Section



Specifications

IEC 60794-1-2	
Crush Resistance (E3):	15 kN/m
Min. Bend Radius installation (E6):	15 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	
GMSN*xx	2 to 24	6.4	40	1250	420	582

Ordering Information

Fiber Type/Count	2	4	6	8	12	16	24
GMSN							
62.5/125-OM1	GMSN102	GMSN104	GMSN106	GMSN108	GMSN112	GMSN116	GMSN124
50/125-OM2 BI	GMSN202	GMSN204	GMSN206	GMSN208	GMSN212	GMSN216	GMSN224
50/125-OM3 BI	GMSND02	GMSND04	GMSND06	GMSND08	GMSND12	GMSND16	GMSND24
50/125-OM4 BI	GMSNE02	GMSNE04	GMSNE06	GMSNE08	GMSNE12	GMSNE16	GMSNE24
9/125 ITU G.655 C & D	GMSN702	GMSN704	GMSN706	GMSN708	GMSN712	GMSN716	GMSN724
9/125 ITU G.652D & G.657A1	GMSN802	GMSN804	GMSN806	GMSN808	GMSN812	GMSN816	GMSN824
9/125 ITU G.657A2 BI	GMSNF02	GMSNF04	GMSNF06	GMSNF08	GMSNF12	GMSNF16	GMSNF24
9/125 ITU G.657B3 BI	GMSNI02	GMSNI04	GMSNI06	GMSNI08	GMSNI12	GMSNI16	GMSNI24
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 2100m ± 105m							

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