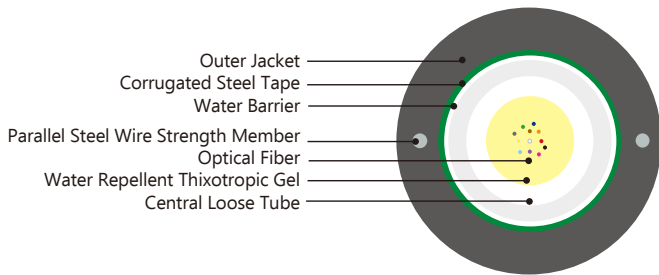


Single Loose Tube STA Fiber Optic Cable

The GIGANET single loose tube fiber optic cable contains 2 to 24 OM1, OM2, OM3, OM4 multimode or OS1/OS2 (ITU-T G.652D) singlemode 250µm fibers. The fibers are contained in a single loose tube external duct cable surrounded by e-glass strength members and a polyethylene (PE) or Low Smoke Zero Halogen (LSZH) jacket.



Technical Characteristics

SINGLE LOOSE TUBE FIBER OPTIC CABLE			
Parameter	UOM	Value	
Fiber core		4~8F	12~24F
Outer diameter	mm	8.0 ±0.3	8.8 ±0.3
Insertion loss	dB/km	SM: ≤0.4@1310nm, ≤0.3@1550nm MM: ≤3.5@850nm, ≤1.5@1300nm	
Long term tensile strength	N	500	500
Short term tensile strength	N	1500	1800
Long term crush resistance	N	1000	
Short term crush resistance	N	3000	
Storage temperature	°C	-40~+70	
Operating temperature	°C	-40 ~+70	
Cable weight	kg/km	62	78
Reel dimension (2km/reel)	WxDia. (mm)	550x750	550x850
Reel weight	kg	25	30

Features/Benefits

- Choice of fiber type
- Choice of jacket color
- High water resistance
- Choice of outer sheath material
- Customized jacket print legend

Applications

- Suitable for external applications in ducts
- Aerial application
- Direct burial

