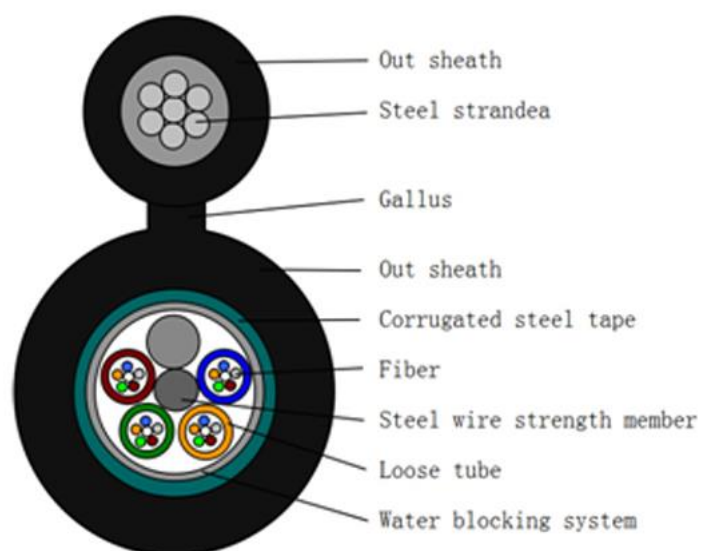


OPTIC FIBER GYTC8S OPNET 12 CORES MM OM1, LSZH 7X1

1. Cable Structure



CABLE STRUCTURE AND PARAMETERS:

Physical Parameters	Fiber Count	12
	Fiber Type	MM OM1 62.5/125μm
	Messenger wires (1x7 strand)	7x1.0mm
	Cable Outer Diameter(O.D.)	8.6 × 14.2mm
	Cable Weight	125KG/KM
	Outer Sheath Thickness	1.6mm
	Operating temperature range	-40°C to +60°C
	Storage / Transport temperature range	-50°C to +70°C
	Installation temperature range	-30°C to +50°C
Mechanical Parameters	Tensile Strength Long Term	2000N
	Tensile Strength Short Term	4500N
	Crush Resistance	1000N/100mm
	Bending Radius(Short Term)	20×O.D.
	Bending Radius(Long Term)	10×O.D.

2. Color Code of Optical Fiber

2.1 Fiber Color Arrangement

Fiber No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Grey	White

2.2 Loose Tube(LT) and Filler Rod(FR) Color Arrangement

Tube No.	1	2	3	4	5	6
Color	Blue	Orange	FR	FR	FR	FR

Note) Color code may be changed upon customer's request.

3. Fiber Specifications

Fiber Type		G.652D	G.657A	OM1	OM2	OM3-150	OM3-300	OM4
		9/125μm	9/125μm	62.5/125μm	50/125μm	50/125μm	50/125μm	50/125μm
Attenuation (dB/km)	850nm	/	/	3.00	3.00	3.00	3.00	3.00
	1300nm	/	/	1.00	1.00	1.00	1.00	1.00
	1310nm	0.36	0.36	/	/	/	/	/
	1550nm	0.22	0.22	/	/	/	/	/
OFL Bandwidth (MHZ-KM)	850nm	/	/	≥200	≥500	≥700	≥1000	≥3500
	1300nm	/	/	≥500	≥500	≥500	≥500	≥500
Effective Modal Bandwidth (MHZ-KM)	850nm	/	/	/	/	≥950	≥2000	≥4700
Application Support Distance on (m)	Gigabit Ethernet LX 1300nm	/	/	550	550	550	550	550
	Gigabit Ethernet SX 850nm	/	/	275	550	750	800	880
	10 Gigabit Ethernet SX 850nm	/	/	33	82	150	300	550
	40G/100G Ethernet SX	/	/	/	/	/	100	150
Min. Bending Radius (mm)		30	10	30	30	30	30	30