

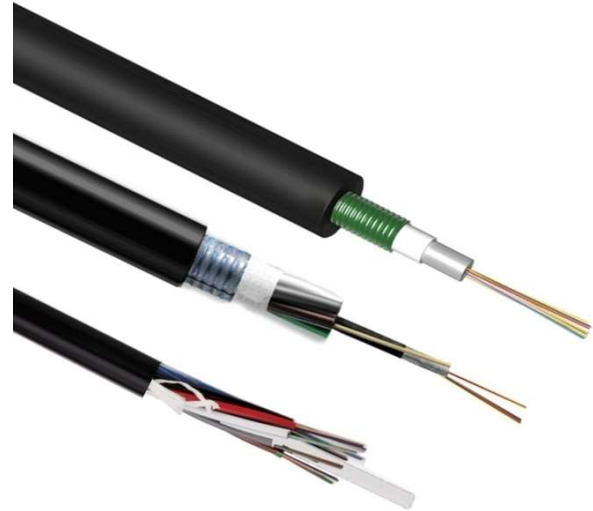
LUMIFIBER FIBER OPTIC SOLUTION



SINGLE LOOSE TUBE STA FIBER CABLE

FEATURES

- Choice of fiber types
- STA CST armoring for enhanced impact, crush and rodent resistance
- PE jacket for environmental protection and water permeation resistance
- Colour coded fibers
- Compact 250µm loose tube construction



APPLICATION

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

CABLE SPECIFICATION

Parameter	UOM	Value						
		Single Loose Tube		Multi Loose Tube				
Fiber core		4 - 8	12 - 24	24 - 60	72	96	120	144
Outer diameter	mm	8.0 ±0.3	8.8 ±0.3	10.5 ±0.5	11.5 ±0.5	13.5 ±0.5	15.8 ±0.5	15.8 ±0.5
Insertion loss	dB/km	SM: ≤0.4@1310nm, ≤0.3@1550nm MM: ≤3.5@850nm, ≤1.5@1300nm		SM: ≤0.4@1310nm, ≤0.3@1550nm MM: ≤3.0@850nm, ≤1.0@1300nm				
Long term tensile strength	N	500	500	600	600	600	600	800
Short term tensile strength	N	1500	1800	1500	1500	1500	2000	2500
Long term crush resistance	N	1000	1000	300	300	300	300	300
Short term crush resistance	N	3000	3000	1000	1000	1000	1000	1000
Storage temperature	°C	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70
Operating temperature	°C	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70
Cable weight	kg/km	62	78	112	138	165	222	222
Reel dimension (2km/reel)	W x Dia. (mm)	550x700	550x850	550x950	800x1000	800x1050	800x1150	800x1200
Reel weight	kg	25	30	42	45	48	50	50

ORDERING INFORMATION

PRODUCT NUMBER	Fiber core number	Fiber type	Jacket Type
LM-ODC = Outdoor Cable	04 = 4 core 06 = 6 core 08 = 8 core 12 = 12 core 16 = 16 core 24 = 24 core 48 = 48 core	SM = Single Mode OS1 OM2 = Multi Mode OM2 OM3 = Multi Mode OM3 OM4 = Multi Mode OM4 OM5 = Multi Mode OM5	PE = PE LZ = LSZH