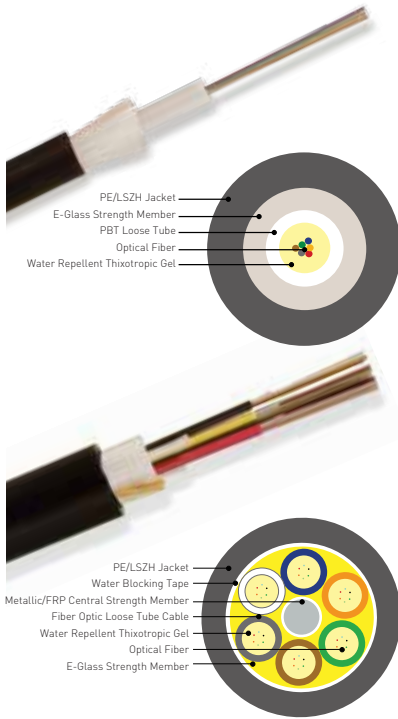
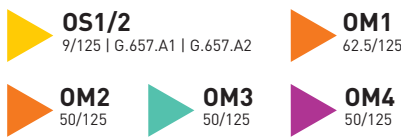


SINGLE & MULTI LOOSE TUBE OPTIC CABLE



The FIBER-REX single loose tube fiber optic cable is constructed of 2 to 24 fiber OM1, OM2, OM3, OM4 multimode or OS1/OS2 (ITU-T G.652D) singlemode 250µm single loose tube external duct cables with E-glass strength members and polyethylene (PE) or Low Smoke Zero Halogen (LSZH) jacket.

The FIBER-REX multi loose tube cable construction consists of up to 144, 250µm optical fibers in 12 fiber gel filled loose tubes with fillers where appropriate, SZ stranded around a fiber reinforced plastic (FRP) central strength member with water swellable threads and water swellable tape. Helically applied water blocking e-glass non metallic strength members with ripcord and black high density polyethylene (HDPE) or Low Smoke Zero Halogen (LSZH) jacket.



★ Features

- Choice of fiber type
- Color code of fiber
- Choice outer sheath material
- Customized jacket print legend

✔ Applications

- Suitable for internal or external applications

⚙️ Technical Specification

Parameter	UOM	Value					
		Single Loose Tube		Multi Loose Tube			
Fiber core		4-12F	24F	24-48F	72F	96F	144F
Outer diameter	mm	6.8 ±0.3	8.0 ±0.3	9.8 ±0.5	10.5 ±0.5	12.0 ±0.5	15.0 ±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	400	500	600	600	600	800
Short term tensile strength	N	1000	1500	1500	1500	2000	2500
Long term crush resistance	N	300		300			
Short term crush resistance	N	1000		1000			
Storage temperature	°C	-40 ~ +70		-40 ~ +70			
Operating temperature	°C	-40 ~ +70		-40 ~ +70			
Cable weight	kg/km	42	79	88	102	136	180
Reel dimension (2km/reel)	WxDia. (mm)	550x700	550x750	550x850	550x950	800x1000	800x1150
Reel weight	kg	14	25	30	42	45	50

🛒 Ordering Information

Cable Type	Fiber Core		Fiber Type	Outer Sheath Material	Outer Sheath Color	Length
	Single	Multi				
SLT=Single Loose Tube MLT=Multi Loose Tube	4 6 8 12 24	24 36 48 72 96 144	SM=OS1/OS2 M1=OM1 M2=OM2 M3=OM3 M4=OM4 A1=G657A1 A2=G657A2	LZ=LSZH PE=PE	BK=Black BL=Blue AQ=Aqua	1=1KM 2=2KM 4=4KM