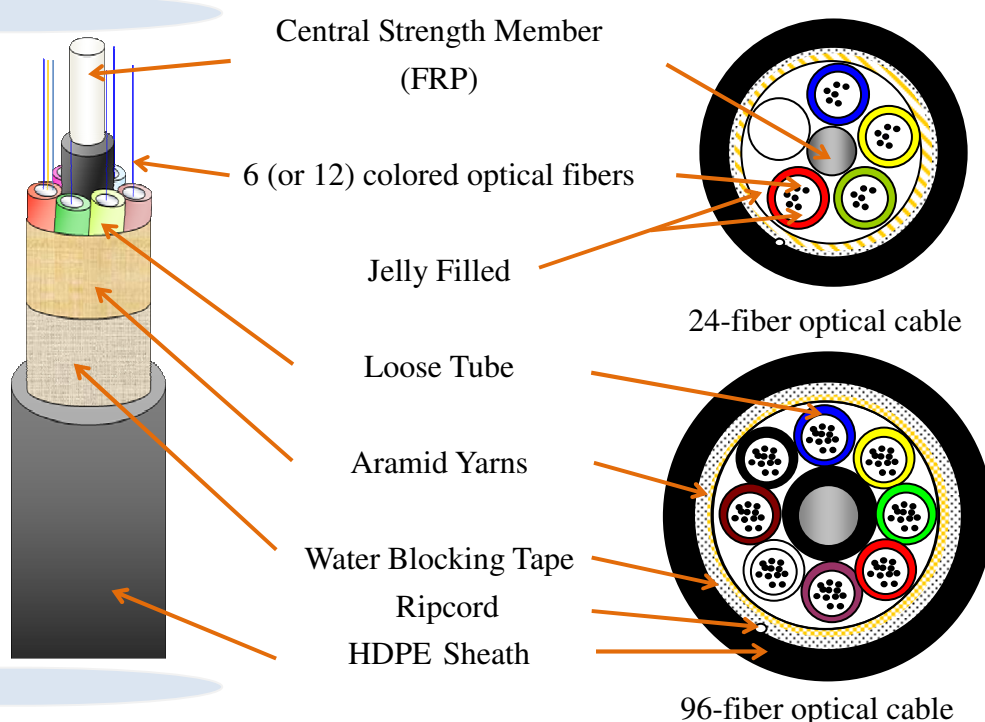


# Non-Metallic Loose Tube Optical Cable

## Properties & application:

- ⊗ The optical performance would be complied with ITU-T G.652D.
- ⊗ EMI immunity, due to Non-metallic structure.
- ⊗ The cable could be installed in parallel with high voltage power transmission lines.
- ⊗ Suitable for 1260~1625nm transmission wavelength
- ⊗ Water-resistant
- ⊗ Suitable for long-haul
- ⊗ Fiber count(C): 6C~216C

## Structure:



## Dimension:

Fiber count(C)		6	12	18	24	36	48	72	96	216
Loose tube count		1	2	3	4	6	8	6	8	18
fiber unit		6						12		
loose tube	Inner dia. (Approx.) (mm)	1.7						2.1		
	Nominal thickness(mm)	0.4						0.5		
Central strength member	Dia. of FRP (mm)	2.2				3.0	3.0(above)			
Diameter of cable core (Approx.)(mm)		8.4				9.2	10.3	12.5	17.1	
Nominal thickness of PE sheath (mm)		2.0								
Overall dia. of optical cable (Approx.)(mm)		12.4			13.2	14.3	16.5	21.1		
weight(Approx.)(kg/m)		0.13			0.16	0.23	0.34	0.58		

Note: The FRP central member strength would be sheathed with PE till proper diameter.