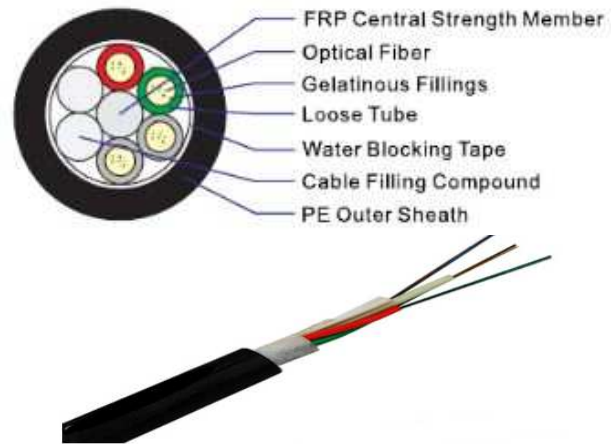


Cavo Technology

STRANDED LOOSE TUBE AND NON-METALLIC FIBER OPTIC CABLE

FEATURES

- Typical Structure: FRP
- Stranded loose tube fiber
- UV filled with PE jacket
- Accurate fiber excess length ensures good mechanical and temperature performance
- Rigorous processes, raw materials quality control, keep the performance of cable long-term stability
- Ensure the cable life expectancy greater than 30 years
- Water-blocking structure on all sections ensure of good waterproof and moisture resistant
- Central strength member adopts a higher young modulus of glass fiber reinforced plastic rods (FRP)
- All the gaps of the loose tube and cable core are filling with water-blocking jelly and compounds, which would not separate out hydrogen ion
- Complete jacket structure ensure cable of waterproof and moisture-proof
- Outer jacket has a good ultraviolet radiation
- Fiber optical cable is non-metallic construction, light weight, convenience installation, excellent resistance to electromagnetic capacity for electric power system and more thunder and lightning area



APPLICATION

- Suitable for internal / external duct applications
- Ideal for intra building links in campus environments
- Access network and local network in high electromagnetic interfering places
- Duct/Aerial

SPECIFICATION

FIBER COUNT	NOMINAL OUTER DIAMETER	NOMINAL WEIGHT	MIN. BEND RADIUS		MAX. TENSILE STRENGTH		MAX. CRUSH RESISTANCE
			LOADED	INSTALLED	SHORT TERM	LONG TERM	
	mm	kg/km	mm	mm	N	N	N/100mm ²
2~12	10.6	124	20D	10D	3000	1000	3000
14~24	12.5	149	20D	10D	3000	1000	3000
26~36	14.0	190	20D	10D	3000	1000	3000
38~48	15.0	216	20D	10D	3000	1000	3000

ENVIRONMENTAL CHARACTERISTICS

Operation Temperature	-40°C~+60°C
Storage Temperature	-40°C~+60°C

Ordering Information

1. Cable type: SM or MM (Single-mode: yellow; Multi-mode: orange; options available for other colours)
2. Fiber Type: SM (G652D, G655C, G657A1, G657A2, G657B3) MM (OM1, OM2, OM3, OM4)
3. Fiber count: 2cores - 144cores
4. Cable length: 2000M / Drum (Customized, MOQ=2000M)
5. Cable Jacket: Outer Sheath Black -PE / LSZH
6. Part Number : CV-NMXXYYZLS XX = Cores YY = SM/MM Z = 5(50um)/6(62.5um)/9(9um)