

Cavo Technology

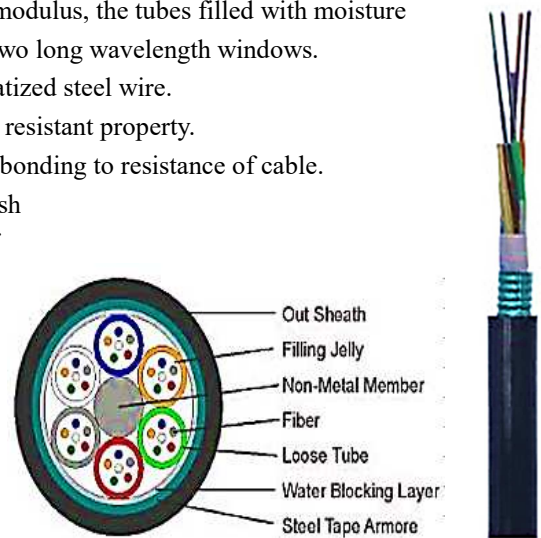
STRANDED LOOSE TUBE FIBER OPTIC CABLE WITH STEEL TAPE (ARMORED)

FEATURES

- Loose tubes (or some fillers) stranded around the metal central strength member.
 - Bound by corrugated longitudinal steel tape with outer PE jacket.
 - The tube is made of good temperature property material. A number of single or multi-mode fibers double-coated are contained in the loose tube.
 - Accurate fiber excess length ensures good performance under mechanical stress and good temperature performance.
 - Material of loose tube with good temperature property and high Young's modulus, the tubes filled with moisture resistant gel for fibers to ensure the long term stability in transmission for two long wavelength windows.
 - The central strength member makes use of high Young's modulus phosphatized steel wire.
 - High density polyethylene PE jacket possesses good ultra violet radiation resistant property.
 - Amoured with Longitudinal corrugated steel tape laminated at both sides bonding to resistance of cable.
- PE sheath ensures not only radial moisture-proof but also reinforces the crush
- The loose tubes and all interstices of cable core filled with moisture-proof and water blocking compound ensure no longitudinal water ingress.

APPLICATION

- Laying Method: Duct/Aerial
- Fiber type: Singlemode/Multimode
- Suitable for long-distance trunk and LAN communication



SPECIFICATION

FIBER COUNT	CABLE DIAMETER (mm)	WEIGHT (kg/km)	MIN BENDING RADIUS (mm)		MAX TENSION (N)		CRUSH PRESSURE (N/100mm)	
			DYNAMIC	STATIC	SHORT TERM	LONG TERM	SHORT TERM	LONG TERM
2-30	10.6	120	20×D	10×D	1500	600	1000	300
30-36	11.1	140	20×D	10×D	1500	600	1000	300
36-60	12.1	155	20×D	10×D	1500	600	1000	300
60-72	12.6	185	20×D	10×D	1500	600	1000	300
72-84	13.5	190	20×D	10×D	1500	600	1000	300
84-96	14.4	215	20×D	10×D	2000	600	1000	300
96-108	15.3	240	20×D	10×D	2500	600	1000	300
108-120	16.1	265	20×D	10×D	2500	600	1000	300
120-132	17.0	290	20×D	10×D	2500	600	1000	300
132-216	17.9	310	20×D	10×D	2500	600	1000	300

TECHNICAL SPECIFICATION

Temperature range	: -40°C~+60°C
Attenuation:	@1310nm<0.36dB/km @1550nm<0.22dB/km

- We can develop& design cable according to customer's specs requirement.

Ordering Information

1. Cable type: Single Mode (SM) or MultiMode (MM)
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
6. Part Number : CV-SSTAXXYZPE XX = Cores YY = SM/MM Z = 5(50um)/6(62.5um)/9(9um)