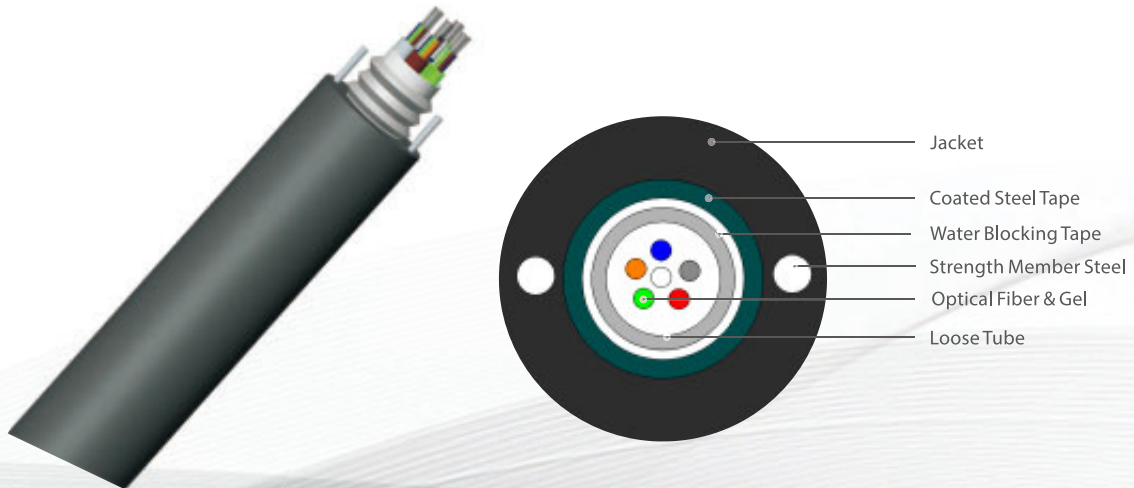


OUTDOOR CABLE

GYXTW



Description

GYXTW optical cable is to sheath 250 μ m optical fiber into a loose tube made of high modulus material, and the loose tube is filled with waterproof compound. The loose tube is covered with a layer of double-sided plastic coated steel tape (PSP) longitudinally, and water blocking material is added between the steel tape and the loose tube to ensure the compactness of the optical cable and the longitudinal water blocking. Two parallel steel wires are placed on both sides and extruded. The vinyl sheath is cabled.

Applications

- Long-distance communication, inter-office communication and fiber optic cable entry.
- The optical cable complies with YD/T976-2010 standard.

Features

- Have good mechanical properties and temperature characteristics, good pressure resistance.
- The loose tube material itself has good water resistance and high strength.
- The tube is filled with special gel to protect the optical fiber critically.
- Double-sided plastic coated steel tape improves the ability of optical cable to resist lateral pressure.
- Two parallel steel wires ensure the tensile strength of the optical cable.
- PE sheath has good anti-ultraviolet radiation performance.
- Small diameter, light weight, easy to lay.
- Long delivery length.

Cable Parameters

Fiber Count	Cable Diameter (MM)	Cable Weight Kg/Km	Tensile Long/Short Term (N)	Crush Long/Short Term N/100m	Bending Radius Static/Dynamic mm	Temperature °C
2~12	7.5	59	600/1500	300/1000	10D/20D	-40~+70
14~24	8.3	75	600/1500	300/1000	10D/20D	-40~+70

Optical Characteristic

Fiber Type		Attenuation (dB/km)		Full Bandwidth (MHZ.km)	Effective Bandwidth (MHZ.km)	1Gbps Reach (m)	10Gbps Reach (m)	Min Bend Radius (mm)
Multi Mode		850/1300nm		850/1300nm	850nm	850/1300nm	850/1300nm	/
		Typical	Max					
62.5/125	OM1	3.0/1.0	3.5/1.5	200/500	220	275/550	33/300	30
50/125	OM2	3.0/1.0	3.5/1.5	500/500	510	550/550	82/300	30
50/125-150	OM2+	3.0/1.0	3.5/1.5	700/500	850	750/550	150/300	30
50/125-300	OM3	3.0/1.0	3.5/1.5	1500/500	2000	1000/550	300/300	30
50/125-550	OM4	3.0/0.7	3.0/1.0	3500/500	4700	1000/550	550/550	30
Single Mode		1310/1550nm		/	/	1310/1550nm	1310/1550nm	/
		Typical	Max					
9/125μm	G652D	0.36/0.22	0.5/0.4	-	-	5000m	10000-40000m	30
9/125μm	G657A1	0.36/0.22	0.5/0.4	-	-	5000m	10000-40000m	10
9/125μm	G657A2	0.36/0.22	0.5/0.4	-	-	5000m	10000-40000m	7.5