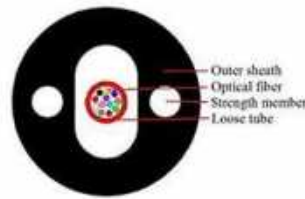


Indoor/outdoor Micro-tube 12 cores Fiber optic Cable GJXZY SM G657A2

Indoor/outdoor Fiber optic cable GJXZY is our newly developed fiber cable which is designed to meet both the harsh environment of outdoors but also can be applied in indoors.

The structure of the GJXZY indoor/outdoor fiber cable is to insert 250um colored optical fibers into a loose tube made of high modulus materials and fill the loose sleeve with waterproof compounds. There are two parallel FRPs are placed at the both sides of the fiber cable. Finally the fiber cable is extruded with flame-retardant LSZH sheath.

Construction



Features

1. Fiber type: G657A fiber, G657B fiber
2. Up to 24 fibers.
3. Uni-tube gel-filled construction for superior fiber protection.
4. Two parallel FRP wire to enhance tensile resistant and protect cable from mechanical damage.
5. Designed for use with inexpensive attachment hardware.
6. Self-supported no messenger needed.
7. Flame-retardent LSZH jacket
8. Small size, Low cost.

Application

This fiber cable is applied in Duct, Aerial FTTx, Access installations.

Used in access network or as access cable from outdoor to indoor in customer premises network.

Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Product Parameter

No. of cable		12-24
Fiber Model		G.657A1
Strength Member	Material	FRP
	Diameter (±0.05) mm	1.0
Loose Tube	Material	LSZH
	Diameter (±0.05) mm	1.4
	Thickness (±0.03) mm	0.15
	The Max.Core NO./Tube	12
Outer Sheath	Material	LSZH

	Thickness (± 0.1) mm	2.0
Cable Diameter (± 0.2) mm		7.0
Cable Weight (± 3 kg)		36
Min. bending radius	Without Tension	10.0×Cable- ϕ
	Under Maximum Tension	20.0×Cable- ϕ
Temperature range (°C)	Installation	-20~+60
	Transport&Storage	-40~+70
	Operation	-40~+70

NO.	Item	Requirement	
1	Allowable Tensile Strength	Short Term	600 N
		Long Term	200 N
2	Allowable Crush Resistance	Short Term	1000 (N/100mm)
		Long Term	300 (N/100mm)