

DESCRIPTION

In the structure of Model GYXS optical cable, the single mode or multimode optical fibers are jacketed by loose tube and the tube is made of high modulus polyester. Inside the tube, it is full of waterproof filling compound, in which no elemental hydrogen could be detected. Outside the loose tube, it is wrapped longitudinally by a layer of both sides plastic coated ripple steel tape and the waterproof material between the steel tape and loose tube is used to ensure compact optical cable structure and longitudinal waterproof. There are two parallel steel wires on the two sides of the loose tube and they are sheathed by PE to form an optical cable.



Single Mode Out Optical Cable

No. of fiber cable core	Diameter of steel core (mm)	Diameter of the loose tube (mm)	The standard thickness of the sheath (mm)	Diameter of fiber cable (mm)	The weight of the fiber (Kg/Km)	(short term/long term allowable tension (N)	Allowable press force
2-12	1.6	2.0/3.0	3.0	10.6	148	1500/3000	3000
14-24	1.6	2.8/4.0	3.0	12.5	170	1500/3000	3000
26-36	1.6	3.8/5.0	3.0	14.0	185	1500/3000	3000
38-48	1.6	4.5/6.0	3.0	15.0	200	1500/3000	3000

ORDER INFORMATION

Part number	Description	Standard Color
FCS02-*	Single Mode Out Optical Cable	Black

FFIBER OPTICAL CABLE, outdoor, single mode, GYXS,simplex, PE sheath, black color.

APPLICATION

- The medium density PE sheath features perfect mechanical tensile strength, weatherproof, abrasive resistance and good environmental stress cracking performance
- The longitudinally wrapped both side plastic coated steel tapes and waterproof tape could effectively prevent tube from shrinking and improve optical cable waterproof, penetration resistance and moisture-proof
- It is convenient in construction as its small diameter, light weight and perfect performance-price ratio
- The remaining length of optical fiber is controlled precisely to ensure perfect mechanical performance and temperature characteristics of optical cable
- The loose tube material itself has perfect hydrolysis resistance and high strength. The special filling paste inside the loose tube is used to protect the optical fiber

PRODUCT FIGURE

