

Stranded nonmetallic fiber optic cable

Stranded nonmetallic fiber optic cable GYFTY

The fibers,250μm,are positioned in a loose tube made of a high modulus plastic,the tubes are filled with a water-resistant filling compound.A fiber reinforced plastic(FRP)locates in the center of the core as a non-metallic strength member.The tubes(and fillers)are stranded around the strength member into a compact and circular core.After the cable core is filled with the filling compound to protect it from water ingress.the cable is completed with a PE sheath.Application:Duct,Aerial

Stranded nonmetallic fiber optic cable GYFTY characteristics

- 1.Good mechanical and temperature performance
- 2.High strength loose tube that is hydrolysis resistant
- 3.Special tube filling compound ensure a critical protection of fiber
- 4.Crush resistance and flexibility
- 5.The following measures are taken to ensure the cable is water tight

- Single fiber reinforced plastic as the central strength member
- Loose tube filling compound
- 100% cable core filling

Stranded nonmetallic fiber optic cable GYFTY technical parameters

Fiber optic cable model incremented by 2	Fiber Number	Diameter(mm)	Weight(kg/km)	Tensile strength(Long/Short)N	Allowable pressure flat force(Long/Short)N	Bending radius(Static/Dynamic)mm
GYXTW-2~6Xn	2~12	10.6	88	400/1000	300/1000	10D/20D
GYXTW-8~12Xn	2~12	10.6	88	400/1000	300/1000	10D/20D
GYXTW-14~18Xn	14~24	10.6	88	400/1000	300/1000	10D/20D
GYXTW-20~24Xn	26~36	10.6	88	400/1000	300/1000	10D/20D
GYXTW-26~30Xn	26~36	10.6	88	400/1000	300/1000	10D/20D
GYXTW-32~36Xn	38~48	10.6	88	400/1000	300/1000	10D/20D

Stranded nonmetallic fiber optic cable GYFTY construction

