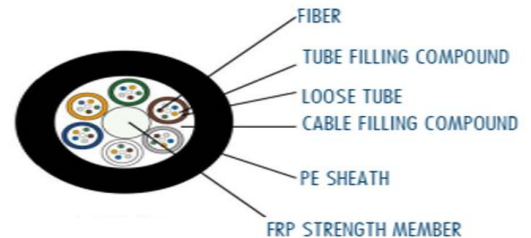


Product Specifications

Stranded Loose Tube Non-metallic Strength Member Non-Armored Cable(GYFTY)

Standard

Reference with standard YD/T 901-2009 as well as IEC 60794-1



Description

The fibers, 250 μ m, 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 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.

Characteristics

- Good mechanical and temperature performance;
- High strength loose tube that is hydrolysis resistant;
- Special tube filling compound ensure a critical protection of fiber;
- Crush resistance and flexibility;
- PE sheath protects cable form ultraviolet radiation;

The following measures are taken to ensure the cable watertight;

- Single Fiber Reinforced Plastic as the central strength member;
- Loose tube filling compound;
- 100% cable core filling;

Product Specifications



Technical parameters

Cable Type(Increlased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/short term N	Crush Resistance Long/short term N/100mm	Bending Radiu Dyna mic/Static mm
GYFTY-2-6	2-6	1	5	8.3	59	600/1500	300/1000	20D/10D
GYFTY-8-12	8-12	2	4	8.3	59	600/1500	300/1000	20D/10D
GYFTY-14-18	14-18	3	3	8.3	59	600/1500	300/1000	20D/10D
GYFTY-20-24	20-24	4	2	8.3	59	600/1500	300/1000	20D/10D
GYFTY-26-30	26-30	5	1	8.3	59	600/1500	300/1000	20D/10D
GYFTY-32-36	32-36	6	0	8.3	59	600/1500	300/1000	20D/10D
GYFTY-38-48	38-48	4	1	9.0	67	600/1500	300/1000	20D/10D
GYFTY-50-60	50-60	5	0	9.0	67	600/1500	300/1000	20D/10D
GYFTY-62-72	62-72	6	0	9.0	67	600/1500	300/1000	20D/10D
GYFTY-74-84	74-84	7	1	10.2	82	600/1500	300/1000	20D/10D
GYFTY-86-96	86-96	8	0	10.2	82	600/1500	300/1000	20D/10D
GYFTY-98-108	98-108	9	1	11.4	101	600/1500	300/1000	20D/10D
GYFTY-110-120	110-120	10	0	11.4	101	600/1500	300/1000	20D/10D
GYFTY-122-132	122-132	11	1	12.8	125	600/1500	300/1000	20D/10D
GYFTY-134-144	134-144	12	0	12/8	125	600/1500	300/1000	20D/10D