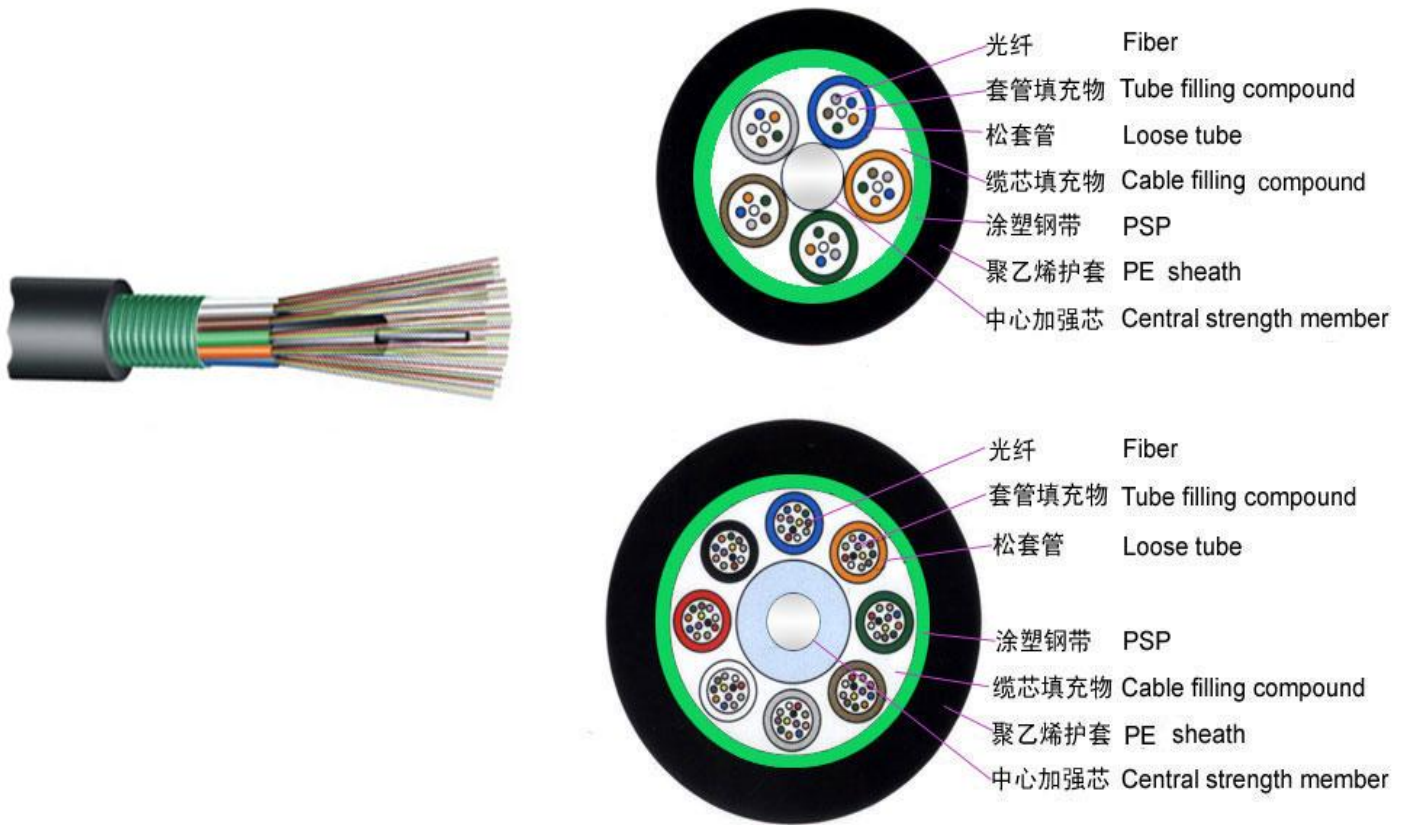


GYTS Stranded Loose Tube Light-armored Cable



Description:

The fibers, 125 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 steel wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core.

The PSP is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a PE sheath.

Characteristics

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Specially designed compact structure is good at preventing loose tubes from shrinking
- Crush resistance and flexibility
- PE sheath protects cable from ultraviolet radiation
- The following measures are taken to ensure the cable watertight:

- Steel wire used as the central strength member
- Loose tube filling compound
- 100% cable core filling
- PSP enhancing moisture-proof

Standards:

GYTS cable complies with Standard YD/T 901-2001 as well as IEC 60794-1.

Storage/Operating Temperature:

-40°C to +70°C

Technical Parameters

Cable Type	Fiber Count	Tubes	Fillers	Cable Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N)	Crush Resistance (N/100mm)	Bending Radius (mm)
						Long/Short Term	Long/Short Term	Static/Dynamic
GYTS-2~6	2~6	1	4	10.2	116	600/1500	300/1000	10D/20D
GYTS-8~12	8~12	2	3	10.2	116	600/1500	300/1000	10D/20D
GYTS-14~18	14~18	3	2	10.2	116	600/1500	300/1000	10D/20D
GYTS-20~24	20~24	4	1	10.2	116	600/1500	300/1000	10D/20D
GYTS-26~30	26~30	5	0	10.2	116	600/1500	300/1000	10D/20D
GYTS-32~36	32~36	6	0	10.6	129	1000/3000	300/1000	10D/20D
GYTS-38~48	38~48	4	1	11.2	141	1000/3000	300/1000	10D/20D
GYTS-50~60	50~60	5	0	11.2	141	1000/3000	300/1000	10D/20D
GYTS-62~72	62~72	6	0	12	159	1000/3000	300/1000	10D/20D
GYTS-74~84	74~84	7	1	13.6	209	1000/3000	300/1000	10D/20D
GYTS-86~96	86~96	8	0	13.6	209	1000/3000	300/1000	10D/20D
GYTS-98~108	98~108	9	1	15.4	232	1000/3000	300/1000	10D/20D
GYTS-110~120	110~120	10	0	15.4	232	1000/3000	300/1000	10D/20D
GYTS-122~132	122~132	11	1	17.2	280	1000/3000	300/1000	10D/20D
GYTS-134~144	134~144	12	0	17.2	280	1000/3000	300/1000	10D/20D

