

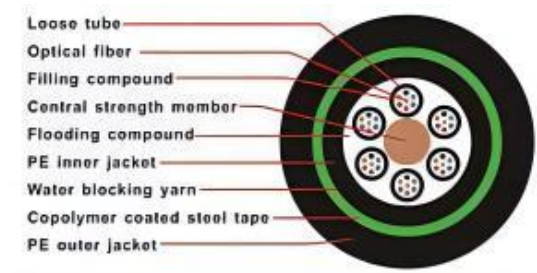
Product Specifications



Stranded Loose Tube Armored Cable(GYTA53)

Standard

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



Description

The fibers ,250 μm , 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. An Aluminum Polyethylene Laminate (APL) is applied around the cable core, which is filled with the filling compound to protect it from water ingress. then the cable core is covered with a thin PE inner sheath. After the PSP is longitudinally applied over the inner sheath, the cable is completed with a PE outer sheath. Application: Duct/Aerial/Direct buried.

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;

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
- APL moisture barrier
- PSP enhancing moisture-proof

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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
GYTA53-2-6	2-6	1	4	11.3	133	1000/3000	1000/3000	25D/12.5D
GYTA53-8-12	8-12	2	3	11.3	133	1000/3000	1000/3000	25D/12.5D
GYTA53-14-18	14-18	3	2	11.3	133	1000/3000	1000/3000	25D/12.5D
GYTA53-20-24	20-24	4	1	11.3	133	1000/3000	1000/3000	25D/12.5D
GYTA53-26-30	26-30	5	0	11.6	144	1000/3000	1000/3000	25D/12.5D
GYTA53-32-36	32-36	6	0	11.6	144	1000/3000	1000/3000	25D/12.5D
GYTA53-38-48	38-48	4	1	11.6	144	1000/3000	1000/3000	25D/12.5D
GYTA53-50-60	50-60	5	0	11.9	147	1000/3000	1000/3000	25D/12.5D
GYTA53-62-72	62-72	6	0	12.4	166	1000/3000	1000/3000	25D/12.5D
GYTA53-74-84	74-84	7	1	13.6	186	1000/3000	1000/3000	25D/12.5D
GYTA53-86-96	86-96	8	0	13.6	186	1000/3000	1000/3000	25D/12.5D
GYTA53-98-108	98-108	9	1	14.8	220	1000/3000	1000/3000	25D/12.5D
GYTA53-110-120	110-120	10	0	14.8	220	1000/3000	1000/3000	25D/12.5D
GYTA53-122-132	122-132	11	1	16.2	253	1000/3000	1000/3000	25D/12.5D
GYTA53-134-144	134-144	12	0	16.2	253	1000/3000	1000/3000	25D/12.5D