

GYTA/S

Stranded Loose Tube Armored Cable

Description

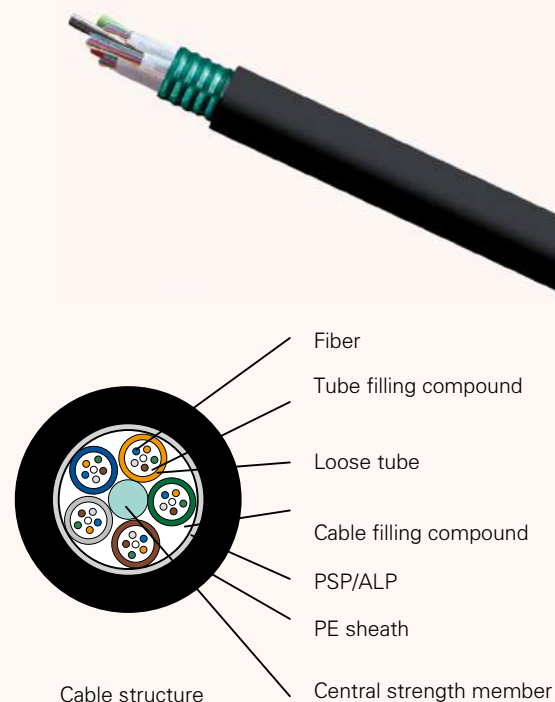
The fibers ,250 μ m , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound.A steel wire,sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (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 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
- Specially designed compact structure is good at preventing loose tubes from shrinking
- PE sheath protects cable form 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
 - APL moisture barrier

Standards

Complies with Standard YD/T 901-2009 as well as IEC 60794-1.



Cable structure

结构参数 Technical parameters

Cable Type (Increased 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 Radius Static/Dynamic mm
GYTA/S-2-6	2-6	1	4	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-8-12	8-12	2	3	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-14-18	14-18	3	2	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-20-24	20-24	4	1	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-26-30	26-30	5	0	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-32-36	32-36	6	0	9.7	97	1000 / 3000	300/1000	10D/20D
GYTA/S-38-48	38-48	4	1	10.5	109	1000 / 3000	300/1000	10D/20D
GYTA/S-50-60	50-60	5	0	10.5	109	1000 / 3000	300/1000	10D/20D
GYTA/S-62-72	62-72	6	0	11.5	126	1000 / 3000	300/1000	10D/20D
GYTA/S-74-84	74-84	7	1	13.2	153	1000 / 3000	300/1000	10D/20D
GYTA/S-86-96	86-96	8	0	13.2	153	1000 / 3000	300/1000	10D/20D
GYTA/S-98-108	98-108	9	1	14.6	182	1000 / 3000	300/1000	10D/20D
GYTA/S-110-120	110-120	10	0	14.6	182	1000 / 3000	300/1000	10D/20D
GYTA/S-122-132	122-132	11	1	16.5	221	1000 / 3000	300/1000	10D/20D
GYTA/S-134-144	134-144	12	0	16.5	221	1000 / 3000	300/1000	10D/20D

Storage/Operating Temperature: -40°C to +70°C

GYTA53

Stranded Loose Tube Armored Cable

Description

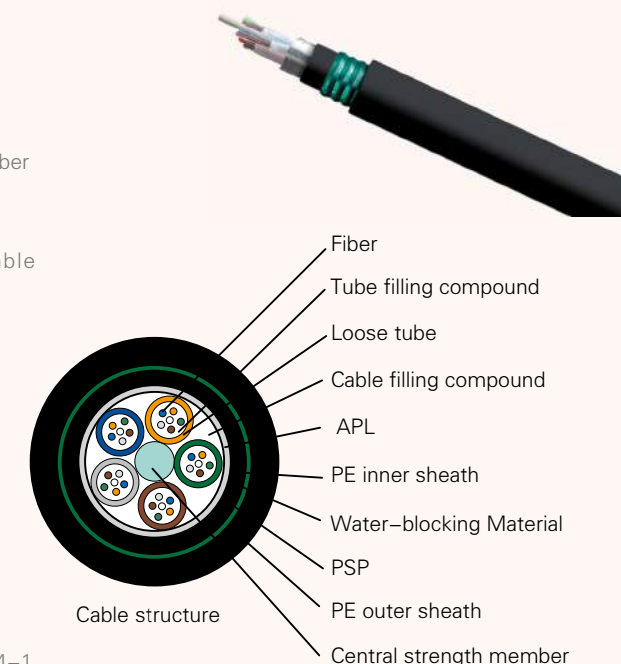
The fibers ,250 μ m , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound.A steel wire,sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (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:
 - Steel wire used as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - APL moisture barrier
 - PSP enhancing moisture-proof
 - Water-blocking material

Standards

Complies with Standard YD/T 901-2009 as well as IEC 60794-1.



Cable structure

Technical parameters

Cable Type (Increased 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 Radius Static/Dynamic mm
GYTA53-2-6	2-6	1	5	13.7	190	1000 / 3000	1000 / 3000	10D/20D
GYTA53-8-12	8-12	2	4	13.7	190	1000 / 3000	1000 / 3000	10D/20D
GYTA53-14-18	14-18	3	3	13.7	190	1000 / 3000	1000 / 3000	10D/20D
GYTA53-20-24	20-24	4	2	13.7	190	1000 / 3000	1000 / 3000	10D/20D
GYTA53-26-30	26-30	5	1	13.7	190	1000 / 3000	1000 / 3000	10D/20D
GYTA53-32-36	32-36	6	0	13.7	190	1000 / 3000	1000 / 3000	10D/20D
GYTA53-38-48	38-48	4	1	15.3	229	1000 / 3000	1000 / 3000	10D/20D
GYTA53-50-60	50-60	5	0	15.3	229	1000 / 3000	1000 / 3000	10D/20D
GYTA53-62-72	62-72	6	0	15.9	244	1000 / 3000	1000 / 3000	10D/20D
GYTA53-74-84	74-84	7	1	18.0	288	1000 / 3000	1000 / 3000	10D/20D
GYTA53-86-96	86-96	8	0	18.0	288	1000 / 3000	1000 / 3000	10D/20D
GYTA53-98-108	98-108	9	1	19.2	325	1000 / 3000	1000 / 3000	10D/20D
GYTA53-110-120	110-120	10	0	19.2	325	1000 / 3000	1000 / 3000	10D/20D
GYTA53-122-132	122-132	11	1	20.9	373	1000 / 3000	1000 / 3000	10D/20D
GYTA53-134-144	134-144	12	0	20.9	373	1000 / 3000	1000 / 3000	10D/20D
GYTA53-146-216	146-216	18	0	20.9	373	1000 / 3000	1000 / 3000	10D/20D

Storage/Operating Temperature: -40°C to +70°C