



Product Description

The structure of the GYTA cable insert 250μm fiber into a loose tube which made of a high modulus material. The tubes are filled with a water blocking compound. The center of core is a central strength member, a layer of polyethylene (PE) is added to central strength member for certain types of cables. The loose tube and filler are stranded to a compact and circular cable around the central strength member, and the cable core are filled with water-blocking fillers. APL extruded cable after longitudinal lapping.

GYTA

Product Features

- The loose tube is filled with special ointment for critical protection of the optical fiber;
- Full section water-blocking structure, double-sided covered aluminum tape longitudinal package, ensure the function of good water-blocking and moist-proof;
- Phosphating steel wire center strength member is high-modulus and corrosion-resistant;
- PE sheath has good uv radiation resistance and environmental stress cracking resistance ;
- The service life of the product is more than 25 years;
- Operating temperature: -40 ~ +70°C

Product Standards

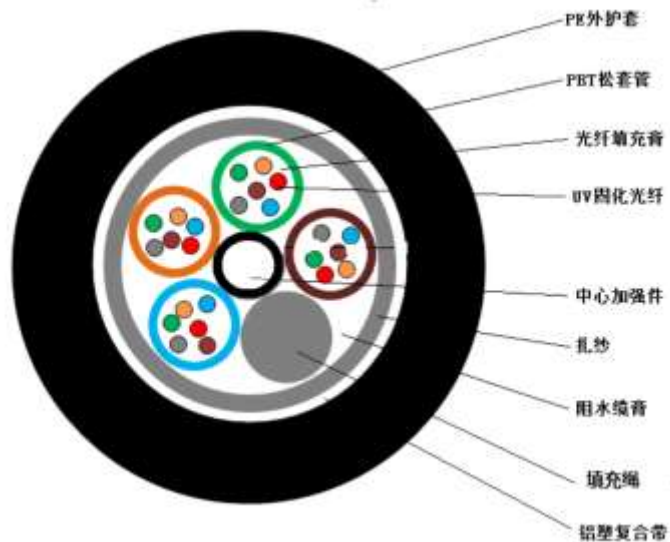
1. GYTA cable conforms to YD/T 901-2018 standard
2. Application: suitable for long distance communication and inter-office communication
3. Application: duct laying, aerial

GYTA Cable technical parameter table

光缆型号Cable Type	光纤数Fiber Count	套管数Tubes	填充绳数Fillers	参考光缆外径 Refer to the external diameter of the cable	参考光缆重量 Cable Weight kg/km (Ref)	允许拉伸力Tensile Strength 长期/短期Long/Short Term(N)	允许压扁力Crush Resistance 长期/短期Long/Short Term(N/100mm)	弯曲半径Bending Radius 静态/动态 Static/Dynamic(mm)
GYTA-2~6	2~6	1	4	9.4	80	≥600/ ≥1500	≥300/ ≥1000	10D/20D
GYTA-8~12	8~12	2	3	9.4	80			
GYTA-14~18	14~18	3	2	9.4	80			
GYTA-20~24	20~24	4	1	9.4	80			
GYTA-26~30	26~30	5	0	9.4	80			
GYTA-32~36	32~36	6	0	10	98			
GYTA-38~48	38~48	4	1	10.4	101			
GYTA-50~60	50~60	5	0	10.4	101			
GYTA-62~72	62~72	6	0	10.6	109			
GYTA-74~96	74~96	7~8	1~0	11.8	133			
GYTA-98~120	98~120	9~10	1~0	13.3	145			
GYTA-122~144	122~144	11~12	1~0	14.4	182			
GYTA-146~216	146~216	13~18	5~0	14.7	190			
GYTA-218~288	218~288	19~24	5~0	16.5	233			

Note: G.652D optical fiber is shown in the table. The optical fiber model can also be specified according to customer requirements.

Cross Section



▲ GYTA 24B1.3

▼ GYTA 144B1.3

