



Product Description

The structure of the GYTA53 cables 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. PSP extruded cable after longitudinal lapping. After APL longitudinally coated with PE outer sheath and then extruded to form the PE sheath cable after PSP longitudinally.

GYTA53

Product Features

- The loose tube is filled with special ointment to provide critical protection to the optical fiber;
- Full section water-blocking structure, longitudinal double-sided coated with armored and corrugated steel (aluminum) band, lap edge bonding is reliable, high strength, torsion without cracking, double protective and armored structure, excellent flattening resistance, ensure the function of good water-blocking and moist-proof; Also has anti-rat ability.
- 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

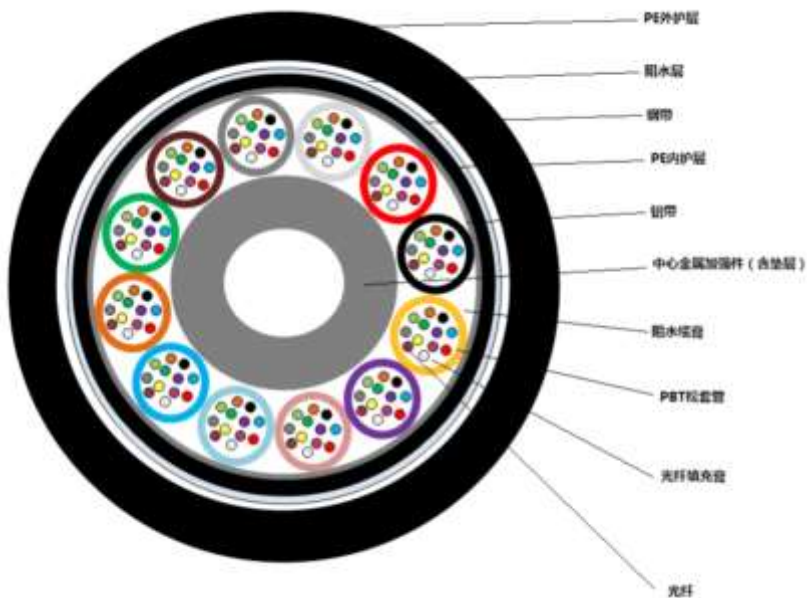
1. GYTA53 optical cable conforms to YD/T 901-2018 standard
2. Application range: suitable for long-distance communication and inter-office communication
3. Application: direct burial

GYTA53 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)
GYTA53-2~6B1.3	2~6	1	5	13.8	190	≥1000/ ≥3000	≥1000/ ≥3000	12.5D/25D
GYTA53-8~12B1.3	8~12	2	4	13.8	190			
GYTA53-14~18B1.3	14~18	3	3	13.8	190			
GYTA53-20~24B1.3	20~24	4	2	13.8	190			
GYTA53-26~30B1.3	26~30	5	1	13.8	190			
GYTA53-32~36B1.3	32~36	6	0	13.8	190			
GYTA53-38~48B1.3	38~48	4	1	14.1	193			
GYTA53-50~60B1.3	50~60	5	0	14.1	193			
GYTA53-62~72B1.3	62~72	6	0	14.4	204			
GYTA53-74~96B1.3	74~96	7~8	1~0	15.4	230			
GYTA53-98~120B1.3	98~120	9~10	1~0	16.7	263			
GYTA53-122~144B1.3	122~144	11~12	1~0	17.8	305			
GYTA53-146~216B1.3	146~216	13~18	5~0	18.3	312			
GYTA53-218~288B1.3	218~288	19~24	5~0	20.1	365			

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

Cross Section



▲ GYTA53 144B1.3

▼ GYTA53 72B1.3

