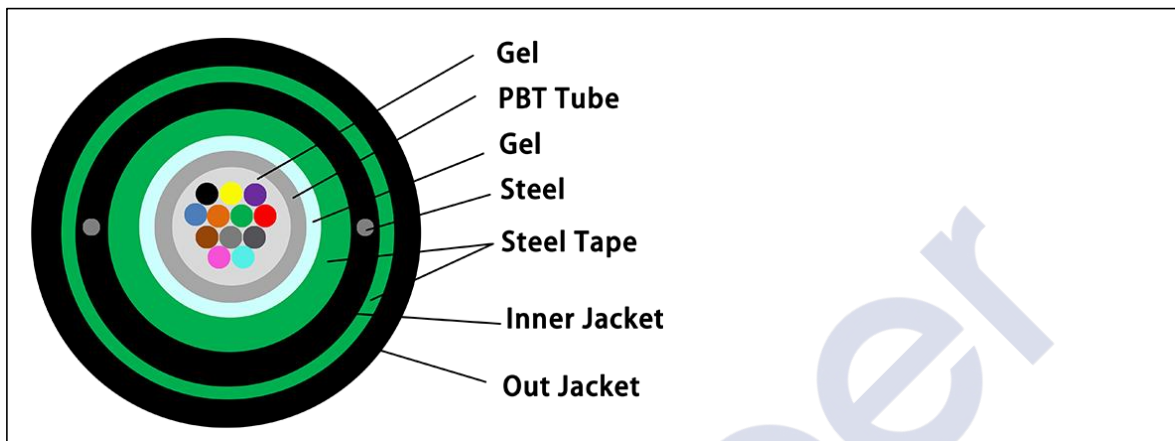


GYXTW53 Underground Directly Buried Central Outdoor Loose Tube Fiber Optical Cable

Product Structure Diagram



Product Description

GYXTW53 optical cable is a loose tube made of high modulus PBT (polybutylene terephthalate) material that is sheathed with single-mode or multi-mode optical fibers, and filled with waterproof compounds inside the tube. The loose tube is wrapped with double-sided chrome coated steel strip longitudinally, and a water blocking material is added between the steel strip and the loose tube to ensure the compactness and longitudinal water blocking of the optical cable. Two parallel steel wires are placed on both sides and then polyethylene (PE) sheathed to form the cable. The outer side is wrapped with double-sided chrome plated plastic coated steel strip longitudinally and covered with polyethylene (PE) sheath to form the cable.

Product features

- Full section water blocking structure, ensuring good water blocking and moisture-proof performance.
- Fill the loose tube with special ointment to provide critical protection for the optical fiber;
- The loose tube is located at the physical center of the optical cable, which is conducive to the bending of the cable.
- Two parallel steel wires increase the tensile strength of the optical cable.
- Heavy armored optical cables ensure radial moisture resistance and enhance lateral pressure resistance.

Application

Duct / Non Self-supporting Aerial Installation.

Technical Specifications

Product Parameters

Project	Technical indicators						
	2	4	6	8	10	12	24
Counts	2	4	6	8	10	12	24
Reference weight(Kg/km)	165	165	165	165	165	165	165
Out sheath Diameter(mm)	12						
Colored Coating Fiber Dimension	250±15 μm						

Fiber Type	G652D G655 G657 50/125 62.5/125
Tensile Strength(N)	Long/Short Term:1000/3000
Crush Resistance(N/100mm)	Long/Short Term:1000/3000
Bending Radius(mm)	Static/Dynamic:10D/20D
Temperature(°C)	Storage /Operation:-40°C~+70°C

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