

Waterproof 12 Cores FTTH Fiber Optic Distribution Cable (GYXTPY)



Application and Properties:

SABA Waterproof 12 Cores cable is made of 250um coloured fibers, PBT loose tube that filled with a water-resistant filling compound, two parallel steel armored wire that ensure tensile strength and PE/LSZH Outer Sheath. It is suitable for outdoor applications that require cable high crush resistance and flexibility. Quality of the product is tested according to IEC Standards.

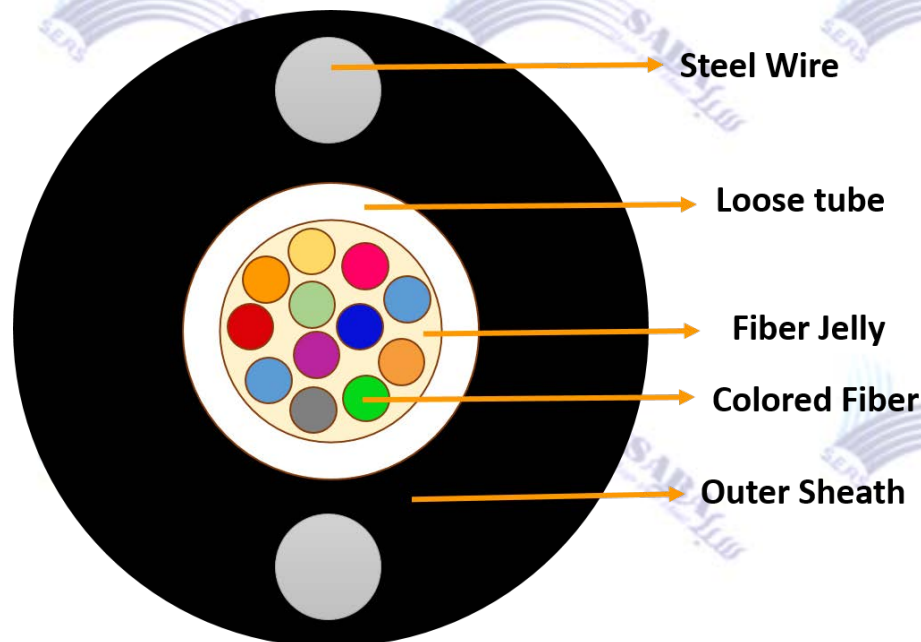
- Other Details

- High return loss and low insertion loss
- Made with High quality materials
- Two parallel galvanized steel wires as strength member have excellent crush and tensile resistance.
- The dimensions and raw materials can be designed according to the demand of the customers.
- Excellent mechanical and environmental characteristic
- High capacity data transmission
- 3-24 fiber are available
- Available in low smoke zero halogen (LSZH) jacket
- UV stable and resistant to extreme temperature variations.
- High flexibility
- Water resistance, UV resistance, Chemical resistance, Crush resistance
- Inexpensive and economical
- Light weight
- Special tube filling compound ensure a critical protection of fiber
- Available in different fiber types and lengths
- Conforms to ITU-T, IEC, EIA-TIA performance requirements
- Compliance with ROHS, REACH, SVHC
- Lifetime Warranty
- Guaranteed quality and performance



Fibre Optic Cable

Dimensions, mm



- Technical Specification

Item	Data
Product name	12 cores unitube outdoor 2 Steel Wire FTTH Fiber optic cable
Application	Outdoor
Fiber type	SM (G.652D, G.657A1 & G.657A2) Cladding diameter: $124.8 \pm 0.7\mu\text{m}$, Cladding non-circularity: $\leq 0.7\%$ Coating diameter: $245 \pm 5\mu\text{m}$
Fiber color	Colored
Fiber count	7~12 Core
Loose tube	Material: PBT Diameter: $2.8 \pm 0.05\text{mm}$
Self support messenger wire	Material: bright galvanized steel wire Diameter: $0.9 \pm 0.1\text{mm}$
Outer sheath material	HDPE-UV resistant
Cable diameter	$6.5 \pm 0.2\text{ mm}$
Max weight (Kg/Km)	43
Tensile Strength(N/100mm)	Long Term: 300 , Short Term: 600
Crush Resistance(N/100mm)	Long Term: 1000 , Short Term: 2000
Operating temperature (°C) Storage temperature (°C)	-40 to +70
Length of cable	2000m/reel, other lengths available on request