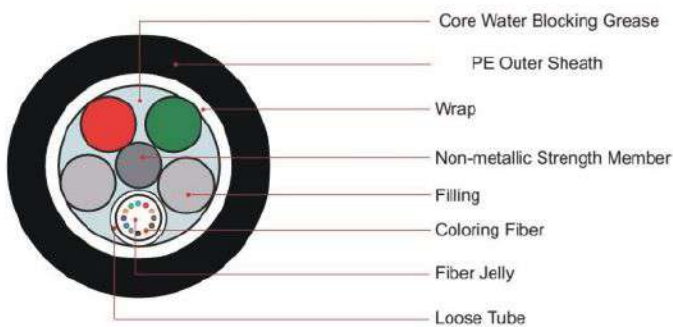


Cable GYFTY

GYFTY Outdoor Fiber Optic Cable is a non-metallic cable used for power transmission system, excessive thunder areas and high electromagnetic interface. GYFTY fiber cable's mainly application is for aerial or duct use. Fiber GYFTY cable FRP locates in the center of cores as a non-metallic strength member. GYFTY cable is used in high-voltage area for long distance communications.



Characteristics

- Low dispersion and attenuation;
- Proper design, precise control for fiber excess length and distinct stranding process render the cable excellent mechanical and environmental properties;
- With good anti-electromagnetism ability;
- Filler protect loose tuber fiber.

Application

- Adopted to Outdoor distribution;
- Adopted to trunk power transmission system;
- Access network and local network in high electromagnetic interfering places.

Optical Characteristics

Fiber Sort	Multimode	G.651	A1a:50/125 A1b:62.5/125	Graded-index fiber
	Singlemode	G.652 (A, B, C)		B1.1:Conventional fiber
		G.652D		B2: Zero dispersion shifted
		G.655		B1.2 :Cut-off wavelength shifted
		G.657 (A1, A2, B3)		B4: Main technical data for positive dispersion shifted single-mode fiber

Cable GYFTY

Environmental Characteristics

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

Geometrical Characteristics

Cable count: 2-144

Cable Dimension (mm): 9.8 - 18.3

Cable Weight (kg/Km): 65 - 295 Kg

Mechanical Characteristics

Tensile strenght (N): 600 (Long Term)

1500 (Short Term)

Crush Load (N/100mm): 300 (Long Term)

1000 (Short Term)

Bending Radius (MM): 208 (Dynamic)

104 (Static)

Transmission Characteristics

	SMF 1310/1550(nm)	50/125 850/1300(nm)	62.5/125 850/1300(nm)
Attenuation(dB/km)	≤0.40/0.30	≤3.5/1.5	≤3.5/1.5
Minimum Bandwidth (MHz·km)	—	≥400/400	≥160/500

Packing information

Packing material: Wooden drum

Packing length: standard length of cable shall be 2000 meters. Other cable length is also available if required by customer.

Drum size: 75*55*75

Packing weight: 176 kg/ drum (2000 meters)