

FICHA TECNICA DE FIBRA ÓPTICA, FLAT DROP 4, 8 Y 12 HILOS



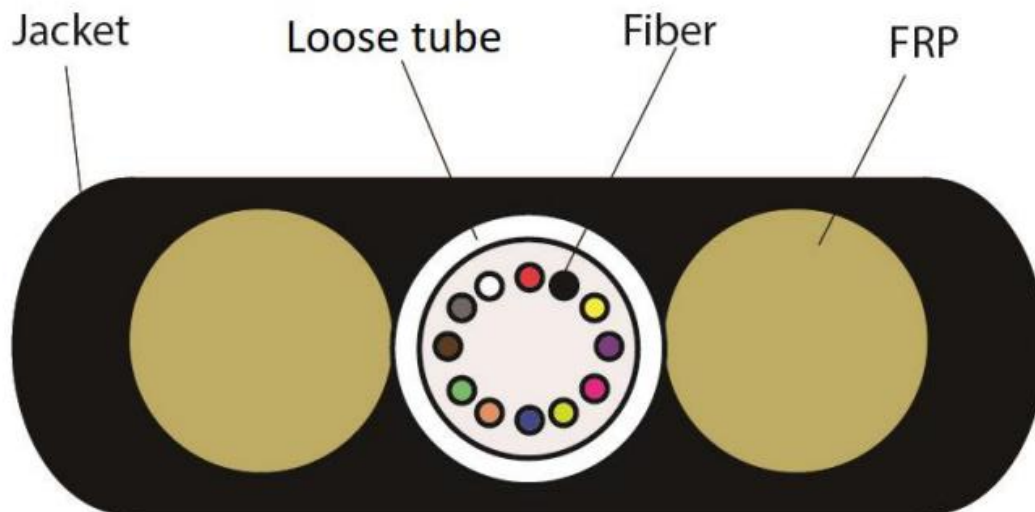
GIGANET[®]
COMMUNICATIONS

SPECIFICATION OF FLAT CABLE

- **PRODUCT TYPE : GYFXTY-FL 4, 8, 12 core**

Uni-Tube All Dielectric Aerial Drop cable is Especially designed for Fiber to the Subscriber applications. It is a flat, all dielectric cable ideally suited for self-supporting drop-type installations as well as conduit builds.

- **FTTH STRUCTURE**



- **Features:**

1. Small size, Low cost;
2. Up to 24 fibers;
3. Uni-tube gel-filled construction for superior fiber protection;
4. Two parallel FRP wire to enhance tensile resistant;
5. And protect cable from mechanical damage;
6. Designed for use with inexpensive attachment hardware;
7. Self-supported no messenger needed.

● FIBER AND CABLE PROPERTIES

OPTICAL FIBER PROPERTIES				
Fiber count		4 / 8	12	24
Type of optical fiber		G.652D		
Color of optical fiber		Blue,orange,green,brown		
Diameter of optical fiber(μm)		8.6±0.4		
Diameter of glass coating(μm)		125±0.7		
Diameter of buffer (μm)		245±5		
Concentricity (μm)		≤0.5		
Non-Circularity(%)		≤0.7		
Coating-Cladding Concentricity Concentricity (μm)		< 12		
Fiber Attenuation(dB/km)		≤0.36@1310nm ≤0.22@1550nm		
OPTICAL FIBER CABLE PROPERTIES				
Cable size(±0.3 mm)		7.3x4.2		8.7x4.2
Cable material		HDPE/LSZH		
Color of cable		Black		
Strength member (two FRP rod)		2x1.8mm		2x2.0mm
Allowable Tensile Strength(N)	long-term	400		
	short-term	1000		
Allowable crush strength (N/100mm)	long-term	700		
	short-term	1500		
Min bending radius (mm)	static	10		
	dynamic	20		
Cable Attenuation(dB/km)		≤0.4@1310nm ≤0.3@1550nm		
Application of temperature		-5℃~+50℃		
NOTE: According with the EU ROHS standards.				

● PACKING :

Item	Index
Length and packaging	2000m/composite Reel
Wooden drum	55*55*45cm
Net weight	30kgs/km
Gross weight	66kgs/reel

- **Test Report**

Every drum will be attached test report.

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