

Description&Standards :

The fibers, 250μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. After the cable core is filled with the filling compound to protect it from water ingress, the cable is completed with a PE sheath.

GYFTY cable complies with Standard YD/T 901-2001as well as IEC 60794-1.

Characteristics:

Good mechanical and temperature performance;
 High strength looes tube that is hydrolysis resistant
 Special tube filling compound ensure a critical protection fiber;
 Crush resistance and flexibility;
 The following measures are taken to ensure the cable watertight:
 (1)Single Fiber Reinforced Plastic as the central strength member;
 (2)Loose tube filling compound;
 (3)100% cable core filling;

Technical Parameters:

Cable Type	Cable Diameter (mm)	Cable Weight (kg/km)	Tensile Strength Long/Short Term (N)	Crush Resistance Long/Short Term (N/100mm)	Bending Radius Static/Dynamic (mm)
GYFTY-2~6	10.6	88	400/1000	300/1000	10D/20D
GYFTY-8~12	10.6	88	400/1000	300/1000	10D/20D
GYFTY-14~18	10.6	88	400/1000	300/1000	10D/20D
GYFTY -20~24	10.6	88	400/1000	300/1000	10D/20D
GYFTY-26~30	10.6	88	400/1000	300/1000	10D/20D
GYFTY-32~36	10.6	88	400/1000	300/1000	10D/20D

Optical fiber Characteristics:

		G.652	G.655	50/125μm	62.5/125μm
	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
Attenuation (+20℃)	@1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@1550nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth (Class A)	@850nm			≥500 MHz·km	≥200 MHz·km
	@1300nm			≥1000 MHz·km	≥600 MHz·km
Numerical Aperture				0.200±0.015 NA	0.275±0.015NA
Cable Cut-off Wavelength λ _{cc}	≤1260nm	≤1480nm			
Storage/Operating Temperature	: -40℃ to + 70℃				

Order Informations:

Marking	KINGTONE KT3011 GYFTY XXX M/FT (or Per customer's request)
Package	1000M/2000M/3000M, Drum/Pallet (or Per customer's request)
Delivery time	Normally 15 days after received the deposit.

Online Service:

Skype	kingtone3
ICQ	246632889