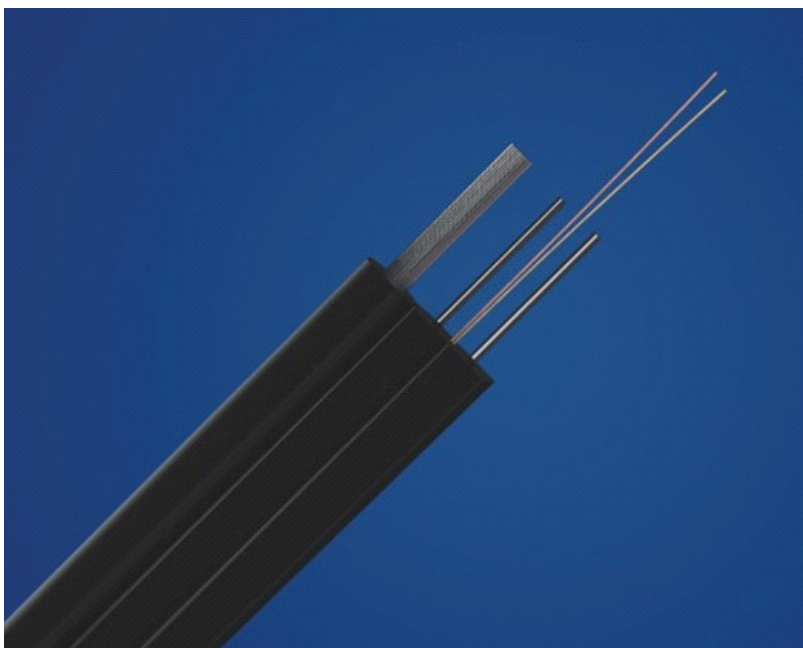
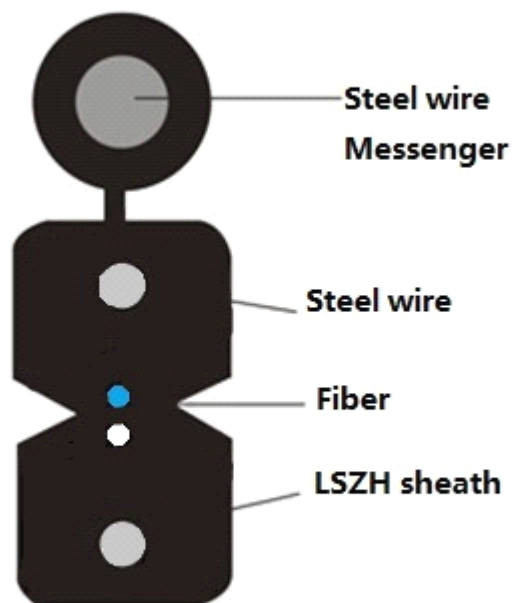


## ☒ FTTH STRUCTURE





## FIBER OPTICAL AND FIBER OPTICAL CABLE PROPERTIES

<b>OPTICAL FIBER PROPERTIES</b>		
Fiber count		2
Type of optical fiber		G.657A1
Color of optical fiber		Blue,natural
Diameter of optical fiber( $\mu\text{m}$ )		8.6 $\pm$ 0.4
Diameter of glass coating( $\mu\text{m}$ )		125 $\pm$ 0.7
Diameter of buffer ( $\mu\text{m}$ )		245 $\pm$ 5
Concentricity ( $\mu\text{m}$ )		$\leq$ 0.5
Non-Circularity(%)		$\leq$ 0.7
Coating-Cladding Concentricity Concentricity ( $\mu\text{m}$ )		< 12
Fiber Attenuation(dB/km)		$\leq$ 0.35@1310nm $\leq$ 0.20 @1550nm
<b>OPTICAL FIBER CABLE PROPERTIES</b>		
Cable size( $\pm$ 0.2 mm)		2.0*5.0
Cable material		LSZH
Color of cable		Black or white
Strength member		0.4mm steel wire
Messenger		1.2mm steel wire
Allowable pull force(N)	long-term	300
	short-term	600
Allowable crush strength (N/100mm)	long-term	1000
	short-term	2200
Min bending radius (mm)	static	10
	dynamic	20
Cable Attenuation(dB/km)		$\leq$ 0.5@1310nm $\leq$ 0.4@1550nm
Application of temperature		-5 $^{\circ}$ C~+50 $^{\circ}$ C
<b>NOTE: According with the EU ROHS standards.</b>		

# EKCKOM

**PACKING :1km/drum/carton**



**Test Report**  
**Every drum will be attached test report.**

-- End --