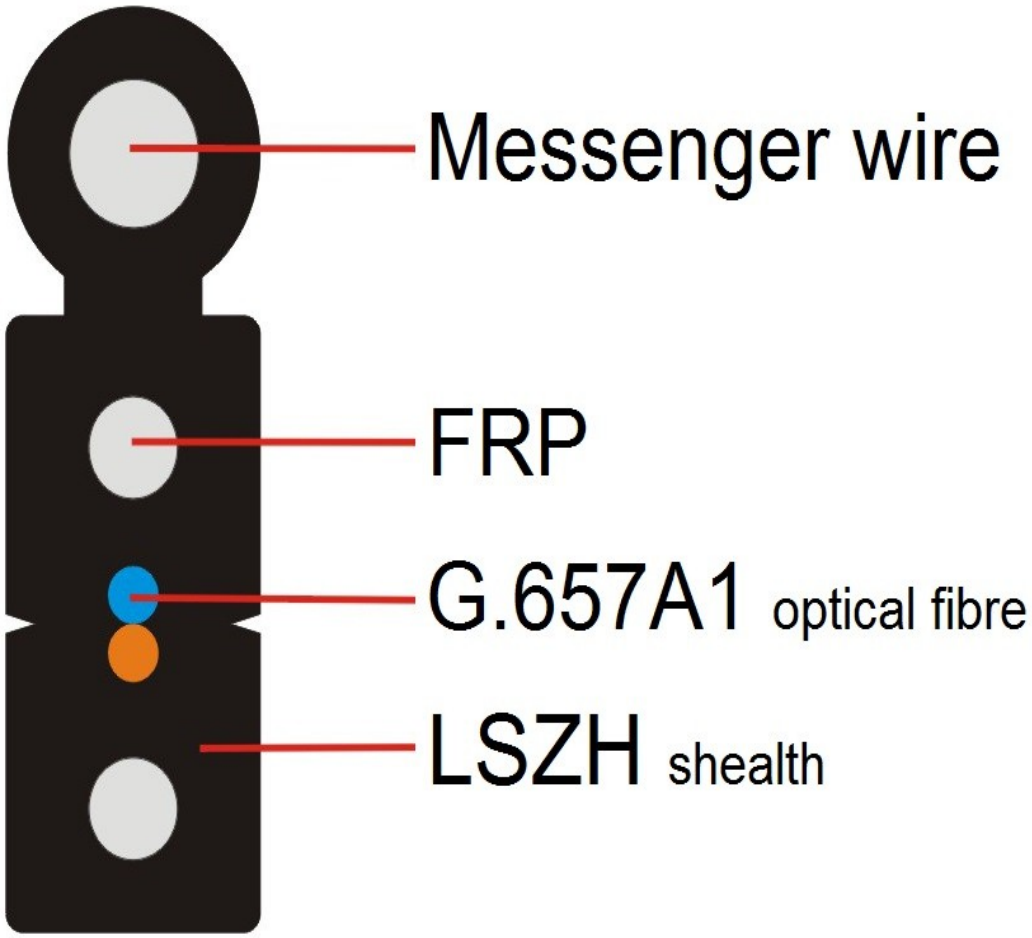
EKCKOM

- **FTTH STRUCTURE**



FIBER OPTICAL AND FIBER OPTICAL CABLE PROPERTIES

OPTICAL FIBER PROPERTIES		
Fiber count		1
Type of optical fiber		G.657A1
Color of optical fiber		natural
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)		≤0.35@1310nm ≤0.20 @1550nm
OPTICAL FIBER CABLE PROPERTIES		
Cable size(±0.2 mm)		2.0*5.0
Cable material		LSZH
Color of cable		Black or white
Strength member		0.5mm FRP
Messenger		1.0mm 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)		≤0.5@1310nm ≤0.4@1550nm
Application of temperature		-5℃~+50℃
NOTE： According with the EU ROHS standards.		

PACKING :1km/drum/carton

Test Report

Every drum will be attached test report.

-- End --