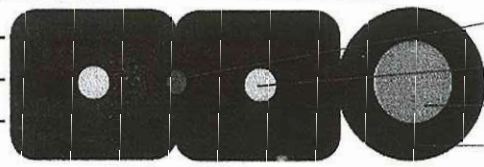



Inspection Report

Code	FTTH-Bow-type self-supporting drop cables for access network(Outdoor)			Fiber core	Cable Length	Date	Carton NO.	
Type	GJYXFCH(Optical fiber :SM,1Core,G.657A1, GFRP;φ0.5mm,GFRP :φ1.8mm;Sheath :LSZH)			G.657A1	1000M	2018-11-23		
Information 1	Mode field diameter(um)	(8.6~9.5)±0.4		Color Characteristic	Zero dispersion wavelength(nm)		1300-1324	
	Clasdding diameter(um)	125±0.7						
	Core concentricity error(um)	≤0.5						
	Cladding noncircularity(%)	<1.0						
	Cable cut-off wavelength(nm)	≤1260			Zero dispersion-slope(ps/nm2km)		≅0.092	
formation	Calble stucture integrity and appearance	PASS						
	Sheath outer diameter	2.0*3.0*6.0 mm						
	Suspension menmber diameter	GFRP:Φ1.8mm						
	Sheath marking	Outdoor Drop cable Fiber 1C SM G657A1 FTTH LSZH 1000M						
Test	Wavelength	a、Atetenuation 1310nm ≤ 0.35dB/Km;1550nm ≤ 0.22dB/Km			b、 Environmental performance	Test item	Loss change	
	(nm)	Blue				Temperature range:(-10~+60°C)	0.02dB/Km	
	1310	≤0.35dB/KM				Test cycle:2 Cyles		
	1550	≤0.22dB/KM				Hold time per half cycle:16 Hours		
	c、 Bending test		Radius = 15 mm ,10 turns			1550 nm Loss change ≤ 0.25dB	0.06dB	
			Radius = 10 mm ,1 turns			1550 nm Loss change ≤ 0.75dB	0.09dB	
Cable cross section								

Remark: Structure Type Code GJYX-Self-supporting butterfly drop cable;C -Self -supporting structure H-Low smoke zero halogen flame retardant polyolefin Sheath

