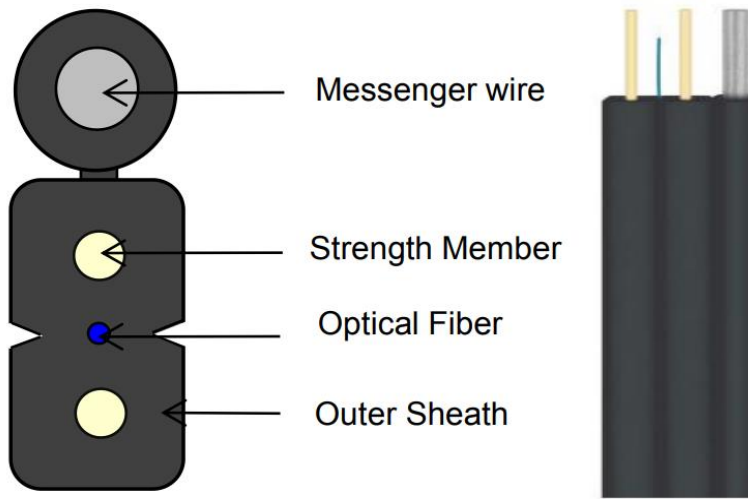


GJYXFCH-2C FTTH Drop Cable



DESCRIPTION

FTTH Cable can be used for FTTH Network. Fiber-to-the-home (FTTH) technology represents an attractive solution for providing high bandwidth from the central office to residences and to small and medium-sized businesses.

FTTH is cost-effective because it uses a passive optical network. With this simple structure of cable, it's the ease of network testing, measuring and monitoring.

FEATURES

Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property

Two parallel strength members ensure good performance to protect the Fiber

Novel flute design, easily strip and splice, simplify the installation and maintenance

Low smoke, zero halogen and flame retardant sheath is available

Easy access to the fibres

Quick Cable Entry & Easy-Peel

Easy Seal in Closures

Low insertion and back reflection loss

Good durability

High Return Loss

High temperature stability

Clean, Gel-Free, Dry Design

Fiber Parameter

No.	Items		Unit	Specification G657A1
1	Mode Field Diameter	1310nm	μm	8.4-9.2
		1550nm	μm	9.3-10.3
2	Cladding Diameter		μm	125±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤0.5
8	长 Cable Cutoff Wavelength		nm	λ _{cc} ≤1260

9	Attenuation(max.)	1310nm	dB/km	≤0.4
		1550nm	dB/km	≤0.3
Cable Parameters				
Items			Specification	
Fiber	Fiber count		2	
	Fiber Color		Blue/Orange	
Strength Member	Material		FRP	
	Dimension		0.5mm	
Messenger Wire	Material		Steel Wire	
	Dimension		1.0mm	
Jacket	Dimension		(5.0±0.1)*(2.0±0.1)mm	
	Thickness		≥0.4mm	
	Material		LSZH	
	Color		Black	
Cable Weight(kg/km) Appr			20kg	
Mechanical and Environmental Characteristics				
Items		Unit	Specification	
Tension（Long Term）		N	300	
Tension（Short Term		N	600	
Crush（Long Term）		N/10cm	500	
Crush（Short）		N/10cm	1000	
Min. Bend Radius（Dynamic）		mm	30	
Min. Bend Radius（Static)		mm	20	
Operating Temperature		℃	-40～+70	
Storage Temperature		℃	-40～+70	
DIMAX				