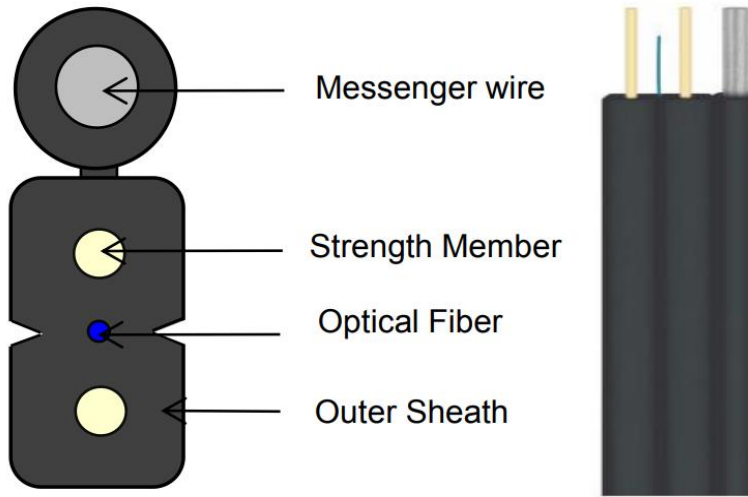


GJXFCH-1C FTTH Drop Cable



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 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	8.4-9.2
		1550nm	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	1
	Fiber Color	Blue
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	°C	-40~+70
Storage Temperature	°C	-40~+70

