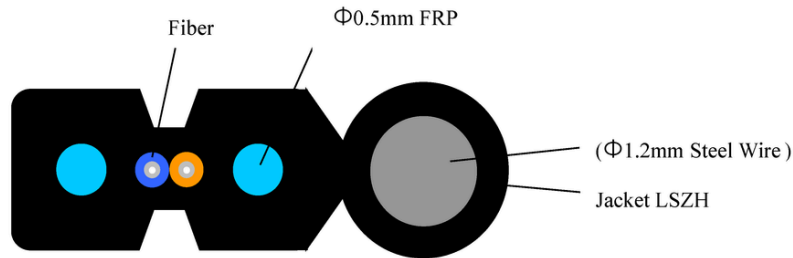


GJFXH FTTH DROP CABLE FOR OUTDOOR 1F 2F SM G657A2 LSZH BLACK 2*0.5MM FRP 1.2MM STEEL WIRE



Product Overview

The FiberCore Indoor Drop Cable GJFXH-FTTH delivers reliable single-mode fiber connectivity using G.657A2 fibers with stable transmission and low bending loss. Reinforced with dual 0.5mm FRP strength members and a 1.2mm steel wire, this black LSZH-sheathed cable ensures enhanced durability for 1F and 2F indoor installations.

Features

- G.657.A2 single-mode fiber for low bending loss and stable signal transmission
- LSZH (Low Smoke Zero Halogen) black jacket for fire safety and reduced toxic emissions
- 2×0.5mm FRP strength members for improved tensile performance
- 1.2mm embedded steel wire for added structural reinforcement and pulling strength
- Compact and lightweight design for easy routing in indoor spaces
- Easy to strip and terminate for quick, clean installations
- Suitable for 1F and 2F indoor drop applications
- Ensures consistent performance in tight routing scenarios

Applications

- Fiber to the Home (FTTH)
- Telecommunications subscriber loop
- Indoor fiber optic distribution
- LAN/WAN networks
- CATV systems
- Multi-dwelling unit (MDU) installations
- Optical termination and final drop points in FTTx networks



Want to know more about FiberCore?

For more information visit www.fibercore-plus.com or contact sales@fibercore-plus.com

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Technical Specifications

No.	Items		Unit	Specification
				G.657A2
1	Mode field diameter	1310nm	μm	8.8±0.4
		1550nm	μm	9.8±0.5
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	≤12.0
8	Cable Cutoff Wavelength		nm	λ _{cc} ≤1260
9	Attenuation (max.)	1310nm	dB/km	≤0.35
		1550nm	dB/km	≤0.25
10	MacroBending Loss	1turn×10mm radius @1550nm	dB	≤0.75
		1turn×10mm radius @1625nm	dB	≤1.5

Cable Parameters

Items		Specifications	
Fiber Count		1	2
Colored Coating Fiber	Dimension	250±15μm	
	Color	Blue	Blue Orange
Jacket	Dimension	(2.0±0.1) mm× (5.1±0.2) mm	
	Material	LSZH	
	Color	Black	



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■ Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	600
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	2200
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-20~+70

■ Ordering Information

Description	Part No.
GJYXFCH-FTTH Drop Cable Outdoor 1F SM G657A2 LSZH Black*0.5mm FRP 1.2mm Steel Wire	FC-30-00201-1
GJYXFCH-FTTH Drop Cable Outdoor 2F SM G657A2 LSZH Black*0.5mm FRP 1.2mm Steel Wire	FC-30-00201-2



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