NETSYS
YOUR NETWORK GATE

FIBER OPTIC
FTTH FIBER OPTIC CABLE

Product Web Page

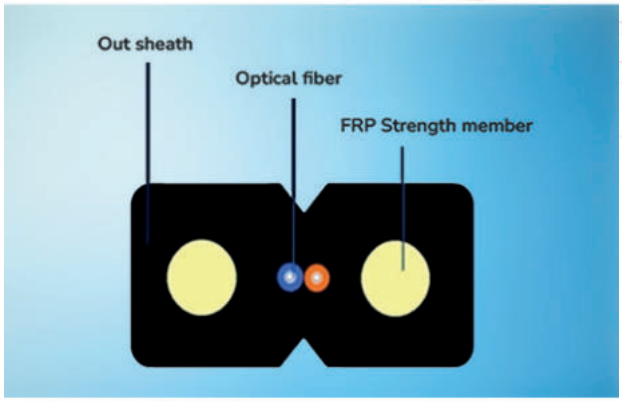
NS-FTTH-GJXFH-02C

FTTH "FIBRE TO THE HOME" IS REFERS TO A TYPE OF BROADBAND INTERNET CONNECTION TECHNOLOGY THAT USES FIBRE-OPTIC CABLES TO TRANSMIT DATA. THESE CABLES ARE MADE OF THIN STRANDS OF GLASS OR PLASTIC THAT TRANSMIT LIGHT SIGNALS, WHICH ALLOWS THEM TO TRANSMIT DATA AT VERY HIGH SPEEDS.

FTTH DROP CABLE 2 CORE GJXFH LSZH

DESCRIPTION

Indoor Fiber Optic FTTH Drop Cable 2 Core GJXFH, black or color LSZH sheath, 2000 Meters in Total Length/ Roll, The optical ber unit is positioned in the centre. Two parallel Fiber Reinforced (FRP) are placed at the two sides. Then, black or color LSZH sheath



FEATURES

Special low-bend-sensitivity fiber provides high bandwidth a nd excellent communication transmission property.
Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber.
Simple structure light weight and high practicability.
Novel flute design easily strip and splice simplify the installation and maintenance.
Low smoke zero halogen and flame retardant sheath.
our ensures continuing level of quality in our cable products through several quality control programs including iso 9001. and all the materials have passed reach and ROHS.
cable is a design that has high tensile strength and flexibility in a compact cable size

APPLICATIONS

Security systems: CCTV cameras, access control systems, and alarm monitoring.
Smart Home Applications:
smart thermostats, lighting systems, home assistants, and home automation systems.
Healthcare Services: connecting patients with healthcare providers remotely for consultations, monitoring.
Education and E-Learning: provide high-quality video streaming, interactive online classrooms.

TECHNICAL SPECIFICATION

Category	Description		Specifications	
			Before Bending	After Bending
Optical Specifications	Attenuation @ 1310 nm		≤ 0.34 * dB / k * m (max.)	≤ 0.36 * dB / k * m (max.)
	Attenuation @ 1550 nm		≤ 0.2 * dB / k * m (max.)	≤ 0.22 * dB / k * m (max.)
	Attenuation @ 1625 nm		≤ 0.23 * dB / k * m	≤ 0.25 * dB / k * m
	Zero Dispersion Wavelength		1300 sim 1324nm	
	Zero Dispersion Slope		≤ 0.09ps / n m2.km	
	PMD Link Value (M = 20 cables Q = 0.01%) max. PMDQ		0.2ps / (sqrt(k)) * m	
	Cable Cutoff Wavelength (ACC)		≤ 1260nm	
	Macro bending Loss (1 turn; $32mm) @1550 nm (100 turns; $60mm) @1625 nm (100 turns; $50mm) @1310 & @1625 nm		≤0.05 dB <0.05 dB ≤0.05 dB	
	Mode Field Diameter	@1310 nm	9.2 ± 0.4 μm	
		@1550 nm	10.4 ± 0.5 μm	
Dimensional Specifications	Cladding Diameter		125 ± 0.7 μm	
	Core/clad concentricity error		≤0.5 μm	
	Cladding Non-Circularity		≤1.0%	
Mechanical Specifications	Proof stress		≥0.69Gpa	