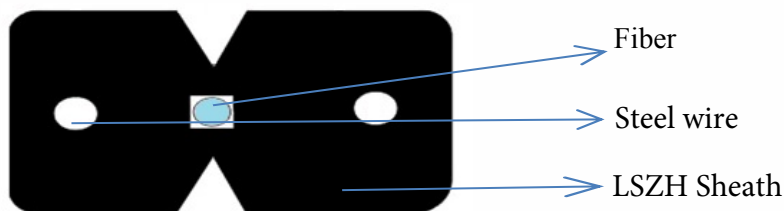


Drop Fiber Optic Cables

GJXFH 1X1



Optical Fiber Cable Specification

Cable Type	GJXFH 1X1
Applications	Indoor interconnect and patch-chord installations

Standards

IEC 61034 (Low Smoke Zero Halogen), IEC 60 332-3 (Flame Retardant),
IEC 60 754-2 (FRNC), DIN VDE 0472 part 813 (FRNC)
ITU-T G.651 (Multi-Mode Fiber), ITU-T G.652; ITU-T G.657 (Single-Mode Fiber)
ITU-T G.655 & G.656 (NZDS Fiber)
EN 187000:IEC60794-1&2, EN 188000:IEC 60793-1&2 (Generic Cable Specifications)

Key Features

Tight buffered fiber of 900 μ m diameter (Easy strip)
Metallic Strength Members (steel wire)
Completely dry on core design
Halogen Free Flame Retardant /Flame Retardant Non-Corrosive /LowSmokeZeroHalogen
Small Diameter 2.0x3.2 μ m

Optical Characteristics (ITU-T G.657 A2/B2 Band-Bright XS)

	<u>1310 nm</u>	<u>1550 nm</u>	<u>1625 nm</u>
Attenuation max	0.35 dB/km	0.21 dB/km	0.24 dB/km
Mode Field Diameter	8,8 \pm 0.4 μ m		
PMD ps \sqrt km	\leq 0.1		
Cladding Diameter	125 \pm 0.7 μ m		
Coating Diameter	242 \pm 7		
Core/Cladding Concentricity	\leq 0.5 μ m		
Attenuation with bending 7.5 mm mandrel radius	\leq 0.5 dB (@1550nm)		

Specification of Cable

Diameter (mm)	2.0x3.2 \pm 0.2mm	2.5x4.40.2mm
Fiber Count	1/2/4	8/10/12
Weight (kg/km)	9.3 \pm 0.2kg	18 \pm 0.2kg

Cable Characteristics

Number of Fibers		1	
Tensile Strength	installation	400/500	IEC 60794-1-2-E1
	operation	200/300	
Crush Resistance	installation	300/500	IEC 60794-1-2-E3
	operation	250/300	
Impact Resistance			
Wp=0.74J r=5mm	impact	3	
Torsion			
±360° 1000mt 5N	cycles	3	IEC 60794-1-2-E7
Temperature	Storage	-10°C to +60°C	IEC 60794-1-2-F1
	Operation	-10°C to +60°C	

Additional Technical Information

Standard continuous length	:	2000 meter	
Standard cable color*			
Single Mode 9/125 (G.657 A/B) :		White	(RAL9002)
Single Mode 9/125 (G.652-B) :		Yellow	(RAL1021)
Marking			
ie: "TURKUAZ OPTICAL CABLE ITU-T G.657 A2/B2 1x1 LSZH production no meter (m)"			
*(Other colors are available upon request)			

Packaging

2000 meter Plywood Drums