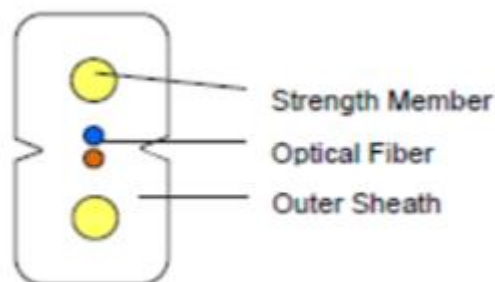


## Indoor Bow-type Drop Cable 2f (4f)

GJXFH-2B6a1/2 (GJXFH-4B6a1/2)

### 1. Structure Diagram



### 2. Properties for single mode fiber

ITU-T-G.657A1

Items	Description	
	Before cable	After Cable
Attenuation at 1310 nm	$\leq 0,35\text{dB/Km}$	$\leq 0,40\text{dB/Km}$
Attenuation at 1383 nm	$\leq 0,35\text{dB/Km}$	$\leq 0,45\text{dB/Km}$
Attenuation at 1550 nm	$\leq 0,21\text{dB/Km}$	$\leq 0,30\text{dB/Km}$
Attenuation at 1625 nm	$\leq 0,23\text{dB/Km}$	$\leq 0,40\text{dB/Km}$
Cable cut-off wavelength	$\leq 1260\text{ nm}$	
Mode field diameter	@ 1310 nm, $8,4\text{-}9,2\ \mu\text{m}$	
Core/Clad concentricity	$\leq 0,5\ \mu\text{m}$	
Cladding diameter	$125 \pm \mu\text{m}$	
Cladding non-circularity	$\leq 0,7\ \%$	
Primary coating diameter	$245 \pm \mu\text{m}$	
Macro-bend included attenuation 10 mm radius, 1 turn 15mm radius, 10 turns	$\Delta \leq 0,75\ \text{dB @ } 1550\ \text{nm}$ $\Delta \leq 0,25\ \text{dB @ } 1550\ \text{nm}$	

### 3. Cable dimensions and constructions

Items		Descriptions
Optical Fiber	Fiber count	2 (4)
	Color code	Blue/orange (/Green/Brown)
Strength member	Material	KFRP
	Diameter	0,51 x 0,58 mm
Sheet	Material	LSZH (Low friction)
	Color	White
	Fire class	EN50575-Dca-s2, d2

### 4. Cable dimensions and constructions

Items		Descriptions	
Tensile Performance	IEC 60794-1-2-E1	Short-term	80N
		Long-term	40N
Crush resistance	IEC 60794-1-E3	Short-term	1000N / 10 cm
		Long-term	300N / 10 cm
Cable Impact	IEC 60794-1-E4	No obvious change after test	
Repeat Bending	IEC 60794-1-E6		
Torsion	IEC-60794-1-E7		
Temperature Range	IEC 60794-1-2-F1	-5 °C - +60 °C	
Bending Radius	Static	15 mm	
	Dynamic	30 mm	

### 5. Packing

Wooden drum

### 6. Delivery length

Standard delivery length is 2 km / drum. Other upon request