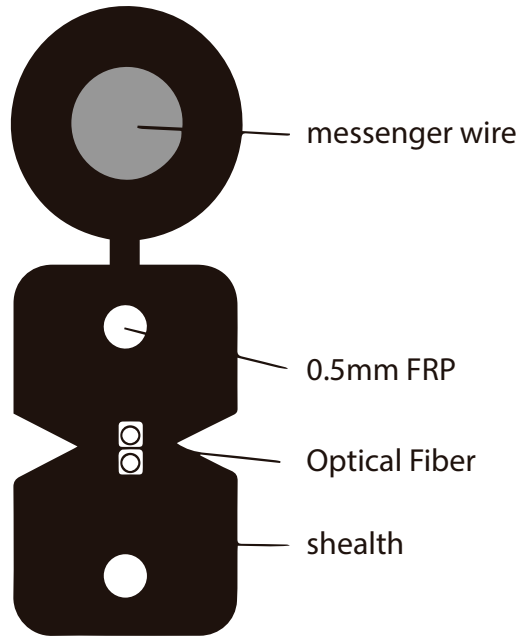


## GJYXFCH-2B6 FTTH Drop Cable 2 fibers, G.657A2

### PROFILE VIEW



### FIBER PARAMETERS

Cable type	GJYXFCH-2B6
Cable specification	5.2×2.0mm FTTH drop cable 2 fibers
Fiber color	Orange, blue
Fiber type	Singlemode
Norm ITU	G.657.A2
Cable dimension (mm)	5.2(±0.2)×2.0(±0.1)
Cladding Diameter	125.0 ± 0.7 μm
Cladding non-circularity	≤1%
Core concentricity	≤0.5 μm
Sheath color	Black
Sheath material	LSZH
Cable weight (kgs/km)	Approx. 21.5
Length of roll cable	1000 m
Tolerance in more	2%

### ATTENUATION SPECIFICATION

λ 1260 nm	≤ 0.45 dB/Km
λ 1310 nm	≤ 0.40 dB/Km
λ 1383 nm	≤ 0.40 dB/Km
λ 1550 nm	≤ 0.30 dB/Km
λ 1625 nm	≤ 0.40 dB/Km

**FIBER ATTENUATION BY MACRO CURVATURE**

Min. bending radius (mm)	12
Number of turns	10
1550 nm	≤ 0.03 dB
1625 nm	≤ 0.1 dB
Stress tests	0.69 GPa

**CHROMATIC DISPERSION COEFFICIENT**

$\lambda_{0min}$	1300 nm
$\lambda_{0max}$	1324 nm
S <sub>0max</sub>	≤ 0.092 ps/nm <sup>2</sup> x km
Polarisation Mode Dispersion (PMD)	≤ 0.2 ps/√km

**MODE FIELD DIAMETER**

$\lambda$ 1310 nm	8.6 - 9.5 $\mu$ m
Tolerance	± 0.4 $\mu$ m
Cable cut-off wavelength ( $\lambda_{cc}$ )	1260 nm

**TECHNICAL SPECIFICATION**

Messenger wire	5mm
Reinforcement elements	Two parallel elements along the cable (FRP/KFRP)
Traction element (messenger)	Galvanized steel wire
Number of fiber	2 fiber - 250 $\mu$ m
SPAN	80 m
External cover protection	UV
Color code of optical fiber threads	Norm EIA/TIA 598
Short term tensile (N)	600
Crush resistance (N/100mm)	2200

**TEMPERATURE RANGES**

Operation temperature (°C)	-20~+60
Storage temperature (°C)	-20~+60
Installation temperature (°C)	-20~+60
Arrow max (SAG)	Aerial installation: subsidence maximum 1% SAG
Useful life	20 years

**ORDER INFORMATION**

P/N	Description
CFO-0259	FTTH Drop Cable 2 fibers