

# FTTH 扁平光纜 (FTTH Indoor Cable)

## 特點 Characteristic

特種耐彎光纜，提供更大的頻寬，增強網絡傳輸特性

Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property.

兩根平行加強元件使光纜具有良好的抗壓性能，保護光纜

Two parallel strength members ensure good performance of crush resistance to protect the fiber.

光纜結構簡單

Simple structure, light weight and practicability

獨特的凹槽設計，易剝離，方便接續，簡化安裝盒維護

Novel flute design, easily strip and splice, simplify the installation and maintenance



## 幾何特性 Geometrical Characteristics

光纜芯數 Fiber Core	1
光纜尺寸 Cable Dimension (mm)	2.0x3.0
光纜重量 Cable Weight (kg/km)	11
光纜護套 Outer Jacket	LSZH
加強件(鋼絲) Strength Member (RPF or steel)	0.45

## 機械性能 Mechanical Characteristics

抗拉力 (N) Tensile strength (N)	長期 Long Term	300
	短期 Short Term	600
彎曲半徑 (CM) Bending Radius (CM)	動態 Dynamic	35
	靜態 Static	15

## 光纖 Fiber

光纖顏色 Fiber Colour	Blue
光纖類型 (芯/包尺寸) Fiber Type (core/cladding dimension)	G.657A2
模場直徑 Mode Field Diameter	9.1±0.2 μm
包層直徑 Cladding Diameter	124.9±0.4 μm
塗覆層直徑 Coating Diameter	248±0.2 μm

## 傳輸性能 Transmission Characteristics

傳輸模態 (Transmission Mode)	SMF-9/125
工作波長 (Optical Wave)	1310/1550 (nm)
衰減 (db/km) Attenuation (db/km)	≤0.4/0.30
最小帶寬 (MHz·km) Minimum Bandwidth (MHz·km)	-----

## 環境特性 Environmental Characteristics

存儲使用溫度 Storage Operating Temperature	-20°C ~ 70°C
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