

雙芯單(多)模鎧裝光纜
Duplex Armored Single Mode (SM) / Multi-mode (MM) Cable

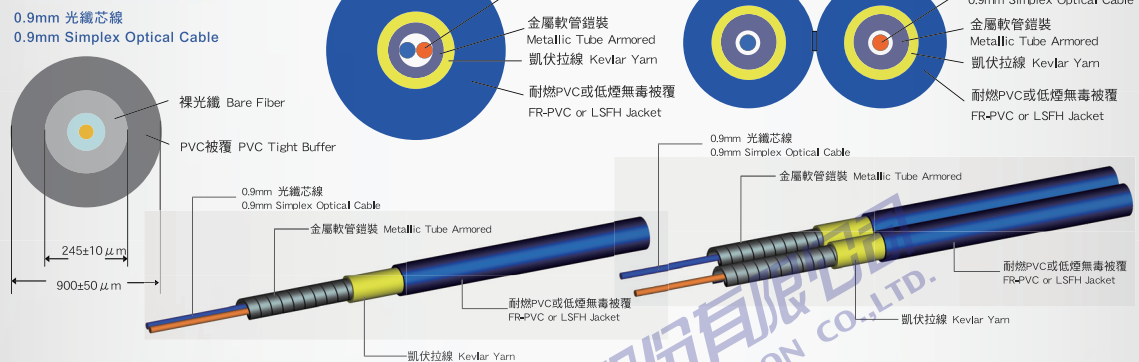
應用 Applications

- 光纖引線和跳接線
- 光通信設備機房、FTTH 光配線架的光連接
- 光學儀器和設備的光連接
- Optical Pig-tails and Patch cord.
- Ideal use for Optical distribution frame of FTTH
- Ideal use for Optical devices and Equipments

特色 Features

- 柔軟、靈活、接續方便
- 採用耐燃 PVC 或低煙無毒被覆，耐燃性能滿足 UL94 或 OFNR、OFNP 標準要求
- 具有良好的機械和環境特性
- Flexible, Durable, and Convenient connection
- Flame retardant PVC or Low Smoke Free Halogen Jacket, Meeting UL 94 or OFNR, OFNP spec. requirement.
- Good mechanical and environmental properties.

結構 Structure



技術參數 Technical Parameter

項目 Items		單模 Single mode	多模 Multi- mode	
纖核 / 模場直徑 Core/Field mode diameter		$9.2 \pm 0.4 \mu\text{m}$ @ 1310nm	$50 \pm 3 \mu\text{m}$	$62.5 \pm 3 \mu\text{m}$
		$10.4 \pm 0.5 \mu\text{m}$ @ 1550nm		
纖殼徑 Cladding diameter		$125 \pm 1 \mu\text{m}$	$125 \pm 2 \mu\text{m}$	$125 \pm 2 \mu\text{m}$
保護層外徑 Primary coating diameter		$245 \pm 10 \mu\text{m}$	$245 \pm 10 \mu\text{m}$	$245 \pm 10 \mu\text{m}$
PVC 被覆層 外徑 Diameter		0.9mm	0.9mm	0.9mm
PVC Tight buffer 顏色 Color		藍, 橙 Blue, Orange		
金屬管鎧裝 Metal tube armored 材質 Material		軟質鋼帶 Soft steel tape		
抗張體 Strength member 材質 Material		凱伏拉線 Kevlar yarn		
外被覆 Jacket 材質 Material		耐燃 PVC 或低煙無毒料 Flame retardant PVC (FR-PVC) or Low smoke free halogen (LSFH)		
	顏色 Color	藍 Blue	橙 Orange	綠 Green
光纜外徑 Cable overall diameter	A 型 A Type	3.8mm	3.8mm	3.8mm
	B 型 B Type	3.0x6.1mm	3.0x6.1mm	3.0x6.1mm
光纜概算重量 Cable estimated weight	A 型 A Type	25Kg/Km	25Kg/Km	25Kg/Km
	B 型 B Type	38Kg/Km	38Kg/Km	38Kg/Km
最大衰減值 Max. attenuation		0.4dB@1310nm 0.3dB@1550nm	3.0dB@850nm 1.2dB@1300nm	3.0dB@850nm 1.2dB@1300nm
工作溫度 Operation temperature		-30 ~ +70℃		
允許彎曲半徑 Allowable bending radius		動態 20 倍光纜外徑 Dynamic 20 times cable overall diameter 靜態 10 倍光纜外徑 Static 10 times cable overall diameter		
允許拉力 Allowable tensile	長期 Long-term	200N		
	短期 Short-term	400N		
抗壓力 Crush resistance	長期 Long-term	3000N/100mm		
	短期 Short-term	5000N/100mm		