極細柔軟金屬管鎧裝光纜 Micro-soft Metal Armored Cable

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

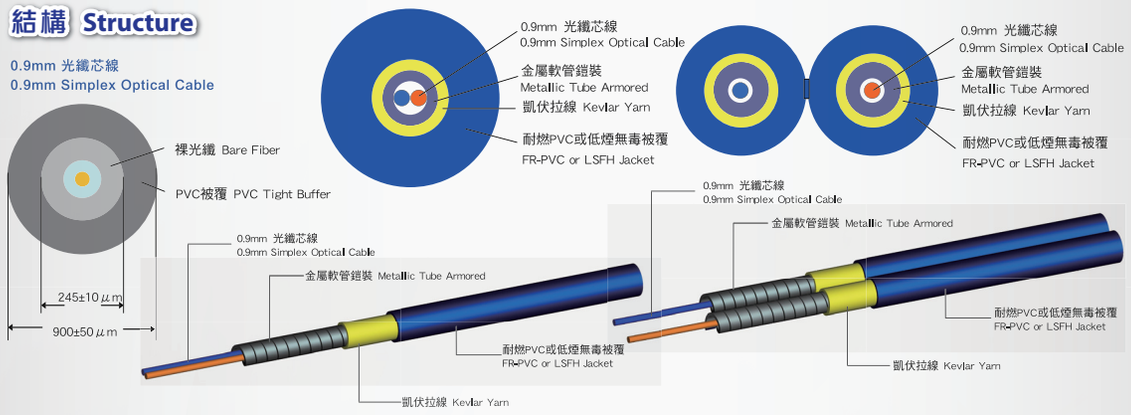
- Optical Pig-tails and Patch cord.
- Ideal use for Optical distribution frame of FTTH
- Ideal use for Optical devices and Equipments

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±0.4 μm @1310nm 10.4±0.5 μm @1550nm	50±3 μm	62.5±3 μm
纖殼徑 Cladding diameter		125±1 μm	125±2 μm	125±2 μm
保護層外徑 Primary coating diameter		245±10 μm	245±10 μm	245±10 μm
PVC 被覆層 PVC Tight buffer	外徑 Diameter	0.9mm	0.9mm	0.9mm
	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		