

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

應用 Applications

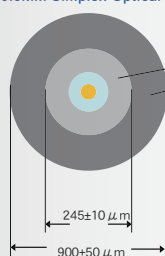
- 光纖引線和跳接線
- 光通信設備機房、FTTH 光配線架的光連接
- 光學儀器和設備的光連接
- Optical Pig-tails and Patch cord.
- Ideal use for Optical distribution frame of FTTH
- Ideal use for Optical devices and Equipments

特色 Features

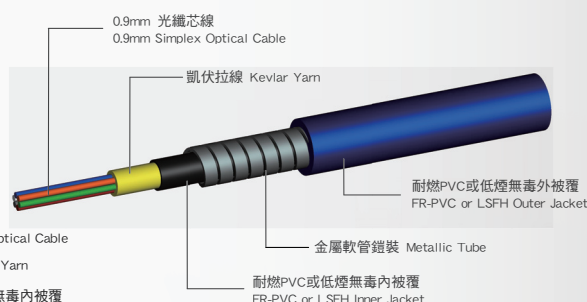
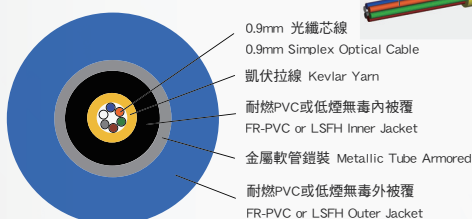
- 柔軟、靈活、接續方便
- 採用耐燃 PVC 或低煙無毒被覆，耐燃性能滿足 UL94 或 OFNR、OFNP 標準要求
- 具有良好的機械和環境特性
- Flexible, Durable, and Convenient connection
- Flame retardant PVC or Low Smoke Free Halogen Jacket, Meeting UL 94 or OFNR, OFNP spec. requirement.
- Good mechanical and environmental properties.

結構 Structure

0.9mm 光纖芯線
0.9mm Simplex Optical Cable



裸光纖 Bare Fiber
PVC被覆 PVC Tight Buffer



技術參數 Technical Parameter

項目 Items		2 芯 2 Cores	4 芯 4 Cores	6 芯 6 Cores
纖核 / 模場直徑 Core/Field mode diameter	單模 Single mode	9.2 ± 0.4 μm @ 1310nm 10.4 ± 0.5 μm @ 1550nm		
	多模 Multi-mode	50 ± 3 μm 62.5 ± 3 μm		
纖殼直徑 Cladding diameter	單模 Single mode	125 ± 1 μm		
	多模 Multi-mode	125 ± 2 μm		
保護層外徑 Primary coating diameter		245 ± 10 μm		
PVC 被覆層 PVC Tight buffer	外徑 Diameter	0.9mm		
	顏色 Color	藍 Blue 橙 Orange	藍 Blue 橙 Orange 綠 Green 棕 Brown	藍 Blue 橙 Orange 綠 Green 棕 Brown 灰 Gray 白 White
抗張體 Strength member	材質 Material	凱伏拉線 Kevlar yarn		
內被覆 Inner 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	單模 Single mode 藍 Blue 50/125 多模 Multi-mode 橙 Orange 62.5/125 多模 Multi-mode 綠 Green		
金屬管鎧裝 Metal tube armored	材質 Material	軟質鋼帶 Soft steel tape		
外被覆 Outer 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	單模 Single mode 藍 Blue 50/125 多模 Multi-mode 橙 Orange 62.5/125 多模 Multi-mode 綠 Green		
光纜外徑 Cable overall diameter		8.0mm	8.5mm	9.0mm
光纜概算重量 Cable estimated weight		105Kg/Km	117Kg/Km	131Kg/Km
最大衰減值 Max. attenuation	單模 Single mode	0.4dB@1310nm 0.3dB@1550nm		
	多模 Multi-mode	3.0dB@850nm 1.2dB@1300nm		
工作溫度 Operation temperature		-30 ~ +70°C		
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		