

Optical Fibre Loose Tube Cable - Mono Tube



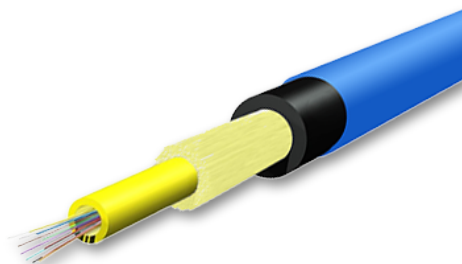
Description

Up to 12 optical fibres contained in an axial, jelly filled loose tube, strengthened with a flexible non-metallic strength member, polyethylene sheathed and with an insect-resistant nylon jacket. Surface printing includes length marking at 1mtr intervals.

A water blocked single loose tube non-metallic cable designed for short haul applications and suitable for duct and direct burial applications by either trenching or direct plowing. Using nylon for the insect resistant jacket is a well-established standard practice for the Australian environment.

Attenuation

SM 9/125 μ m G652D / G657A1	Attenuation @ 1310nm	≤ 0.4 dB/km
	Attenuation @ 1310nm	≤ 0.3 dB/km
MM 50/125 μ m OM3 / OM4	Attenuation @ 850nm	≤ 3.5 dB/km
	Attenuation @ 1300nm	≤ 1.5 dB/km



Specifications

Fibre	Fibre Count	Max 12 fibres
	Diameter	0.25mm
Strength Member	Material	Aramid Yarn
Sheath	Material	PE/Nylon
	Colour	Outer Sheath - Blue
Cable Diameter / Weight	12f - 6.8mm \pm 0.2mm	38 kg/km (approx)
Fibre Color Code	Blue/Orange/Green/Brown/Grey/White/Red/Black/Yellow/Violet/Pink/Aqua	
Tensile Strength (IEC 60794-1-2-E1)	Short Term	800N
	Long Term	600N
Crush Resistance (IEC 60794-1-2-E3)	Short Term	600N / 100mm
	Long Term	300N / 100mm
Temperature Range	IEC 60794-1-2-F1	-20°C +70°C
Bending Radius	Static	10D
	Dynamic	20D

Part Numbers

Name	Cable	Fibre Count	Fibre Type
UFC	SLT - Slim Loose Tube	06 - 6 fibres 12 - 12 fibres	OM3 - 50/125 OM4 - 50/125 SM - 9/125
Example			
UFCSLT12OM4 - External Slim Loose Tube Cable 12f OM4			

