

OFC 7.5mm

UNI-TUBE ARMoured OPTICAL FIBRE CABLE

Product Information

ELEMENTS	NOS.	MATERIAL	VALUES
Loose Tube			
Single Mode Optical Fibre	3.0 mm ± 0.5mm	ITU-T G.652D	1310 nm : ≤ 0.36 dB/Km & 1550 nm : ≤ 0.23 dB/Km
Filling Jelly		Thixotropic jelly	
Loose Tube	1 No.	PBTP	
Core			
Peripheral Strength Member	2 Nos.	Steel Wire	0.6 mm Nominal Diameter
Cable			
Armouring Tape		Corrugated ECCS Tape	1.4mm Thickness
Sheathing		High Density Polyethylene	

Construction Details



Typical Construction Diagram: Not to Scale

OFC Performance

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	1200 N	Crush Resistance	2000 N / 10cm	Temp. Performance	
Minimum Bend Radius		Impact strength	10 Nm.	Installation	-20°C to +70°C
-Short Term	10 x D	Torsion	±180°	Service	-20°C to +70°C
-Long Term	20 x D			Storage	-20°C to +70°C

Colour Details

Optical Fibre Colour	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Natural as applicable & each have a natural fibre
Loose Tube Colour	Natural
Sheath Colour :	Black

Cable Construction Details

Fiber Count	No of Fiber Bundle	N o of Fibre per tube	Overall Cable Diameter	Cable Weight (Kg/Km)
4	---	4	8.0 ± 0.5 mm	60± 5 KG
6	---	6	8.0 ± 0.5 mm	60± 5 KG
12	---	12	8.0 ± 0.5 mm	60± 5 KG

Physical Parameters

Cable length (km)	2 ± 10%	Order Tolerance:	± 5 %
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Printing Details

Printing details	AS PER REQUIREMENT
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Ordering Information

S. No.	Item Description	Part Code
1	4F UT - SM Single Sheath Armoured O.F. Cable	AM-AG-FSMUTARM-4F
2	6F UT - SM Single Sheath Armoured O.F. Cable	AM-AG-FSMUTARM-6F
3	12F UT - SM Single Sheath Armoured O.F. Cable	AM-AG-FSMUTARM-12F