

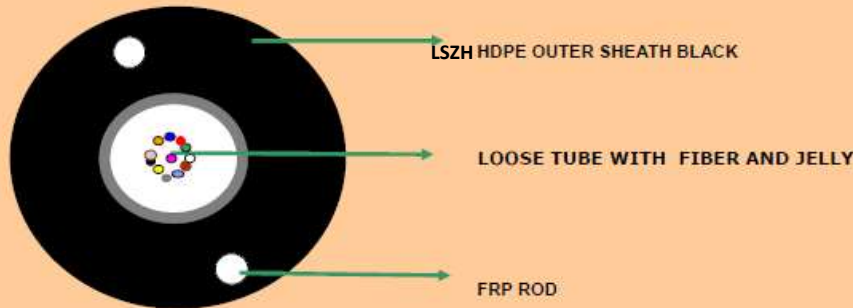
OFC 6F-12F Single Mode Unitube Jelly Filled Un-Armoured 6.0mm

Unitube Unarmoured Optical Fibre Cable

PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	VALUES
Loose Tube			
Single Mode Optical Fibre	6/12 Nos.	ITU-T G652	1310 nm : ≤ 0.4 dB/km & 1550 nm : ≤ 0.3 dB/km
Filling Jelly		Thixotropic jelly	
Loose Tube	1 No.	PBTP	
Core			
Peripheral Strength Member	2 Nos.	FRP Rod	1.0 mm Nominal Diameter
Cable Sheathing			
		High Density Polyethylene -LSZH	

CONSTRUCTIONAL DETAILS



Typical Construction Diagram : Not to The Scale

OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	400 N	Crush Resistance	1000 N / 10cm	Temp. Performance	
Minimum Bend Radius		Impact strength	5 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

COLOR DETAILS

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

CABLE CONSTRUCTION DETAILS

Fiber Count	No of Fiber Bundle	No. of Fibre per tube	Overall Cable Diameter	Cable Weight (Kg/Km)
6	---	6	6.0 ± 0.3 mm	30 ± 5 Kg
12	---	12	6.0 ± 0.3 mm	30 ± 5 Kg

PHYSICAL PARAMETERS

Cable length (In Km)	2/3 Km ± 10 %	Order Tolerance:	±5 %
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Cable Printing details:

CISNET FO OUTDOOR CABLE <fiber count> <fiber type> <cable type> <cable PN> <month/year> <batch number> XXXXX METER

CIS Cable PN	Fiber Count	Fiber Type	Cable type	Packaging Length
CNOFCSM6FUTJFUARM	6	SM G.652D (OS2)	UNITUBE UNARMOURED HDPE	2000m +10%
CNOFCSM12FUTJFUARM	12	SM G.652D (OS2)	UNITUBE UNARMOURED HDPE	2000m +10%

For Outer Sheath Properties add '-X' to CISNET Cable PN, Where X is 1:LSZH, 2:FRLS, 3:UV Resistant, 4:Rodent Resistant