

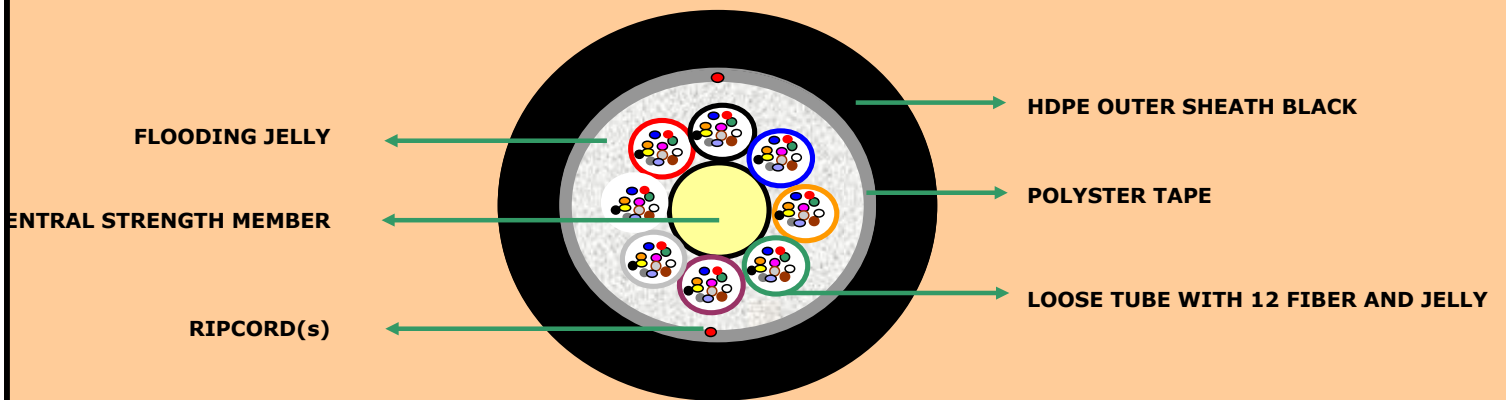
96 Fibre (SM-G652.D)

Jelly Filled MLT UA Optical Fibre Cable

PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE	
Loose Tube				
Single Mode Optical Fibre	96 Nos.	ITU-T G652D	Sumitomo 1310nm : 0.36 & 1550nm : 0.23	
Filling Jelly Tube	8 Nos.	Thixotropic jelly PBTP	2.2	Nominal Diameter
Core				
Central Strength Member Core Wrap	1 No.	FRP Polyster Tape	3.5	Nominal Diameter
Cable				
Rip Cord		Twisted yarns	2 Nos	Under Sheath
Outer Sheath		High Density Polyethylene	Min 1.5 mm	Nominal Thickness

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	1000 N	Crush Resistance	2000 N / 10cm	Temp. Performance	
Minimum Bend Radius		Impact strength	50Nm.	Installation	-30°C to +70°C
-Short Term	10 x D	Torsion	±180°	Service	-30°C to +70°C
-Long Term	20 x D			Storage	-30°C to +70°C

COLOR DETAILS

Optical Fibre Colour	Blue,Orange,Green,Brown,Slate,White,Red,Black,Yellow,Violet,Pink,Natural
Loose Tube Colour	Blue,Orange,Green,Brown, Slate, White,Red,Black
Sheath Colour :	Black

PHYSICAL PARAMETERS

Diameter (mm, Nominal) +/- 0.5 mm	11.5	Cable wt. (Kg/km) Nominal	115	Cable length (m) Order Tolerance:	2/3 ± 10% ±5 %
Printing details NAME OF THE SUPPLIER SM 96F MLT UA LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE ,LENGTH MARKING , CABLE IDENTIFICATION.					