

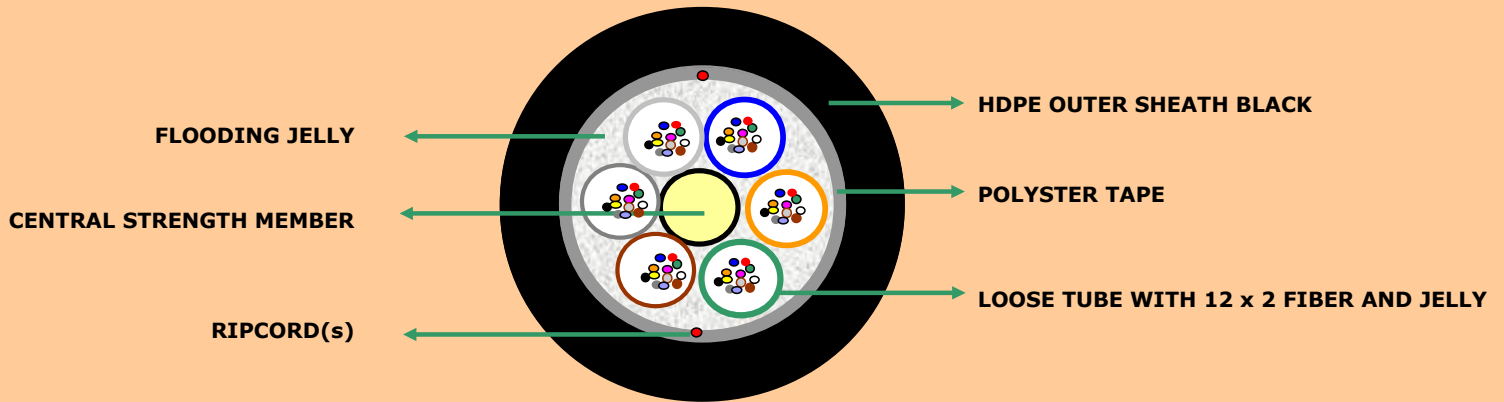
144 Fibre (SM-G652.D)

Jelly Filled MLT UA Optical Fibre Cable

PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE	
Loose Tube				
Single Mode Optical Fibre	144 Nos.	ITU-T G652D	Sumitomo	1310nm : 0.36 & 1550nm : 0.23
Filling Jelly		Thixotropic jelly		
Tube	6 Nos.	PBTP	3.5	Nominal Diameter
Core				
Central Strength Member	1 No.	FRP	3.5	Nominal Diameter
Water blocking elements		Cable Flooding Jelly		
Core Wrap		Polyster Tape		
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	1.2 kN	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, Natu
Loose Tube Colour	Blue, Orange, Green, Brown, Slate & White
Sheath Colour :	Black

PHYSICAL PARAMETERS

Diameter (mm, Nominal) +/- 0.5 mm	14.5	Cable wt. (Kg/km) Nominal	175	Cable length (km) Order Tolerance:	2 ± 10% ± 5 %
-----------------------------------	------	---------------------------	-----	------------------------------------	---------------

Printing details	NAME OF THE SUPPLIER SM 144F MLT UA LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE ,LENGTH MARKING , CABLE IDENTIFICATION.
------------------	---