

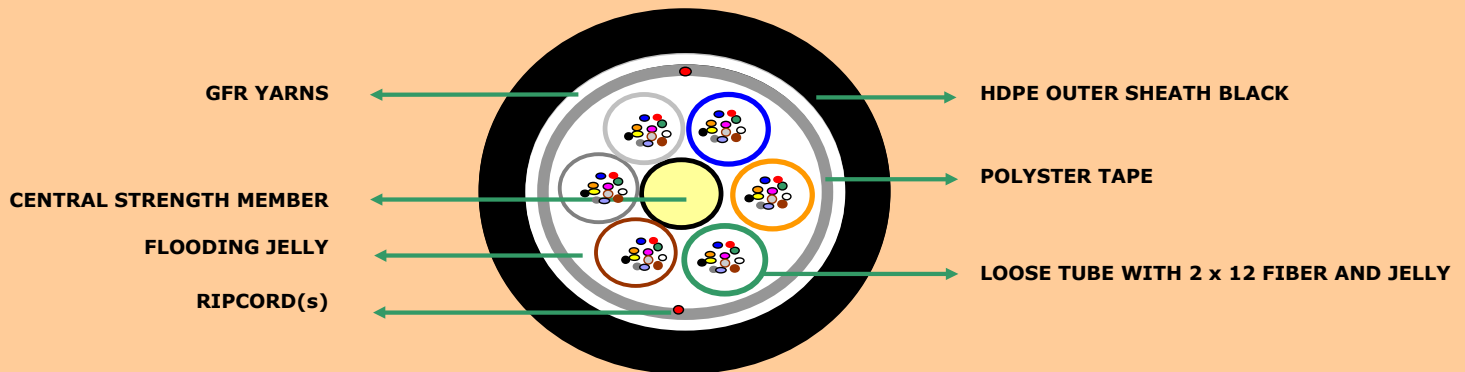
144 Fibre ADSS (SM-G652.D)

Jelly Filled Single Sheath MLT ADSS Optical Fibre Cable 3000N

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	4.0 ± 0.2 mm	Nominal Diameter
Core				
Central Strength Member	1 No.	FRP	2.5 ± 0.2 mm	Nominal Diameter
FRP Upcoat		PE	3.8 ± 0.2 mm	Nominal Diameter
Water blocking elements		Cable Flooding Jelly		
Core Wrap		Polyester Tape		
Cable				
Rip Cord		Twisted yarns	2 Nos	Under Sheath
Peripheral Strength Member		GFR Yarns		
Outer Sheath		High Density Polyethylene	Min 1.5 mm	Radial Thickness

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	3000 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
Sheath Colour :	Black

PHYSICAL PARAMETERS

Diameter (mm, Nominal) +/- 1.0 mm	16.0	Cable wt. (Kg/km) Nominal	200	Cable length (km) Order Tolerance:	2 ± 10% ± 5 %
Printing details NAME OF THE SUPPLIER SM 144F MLT ADSS LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE ,LENGTH MARKING , CABLE IDENTIFICATION.					