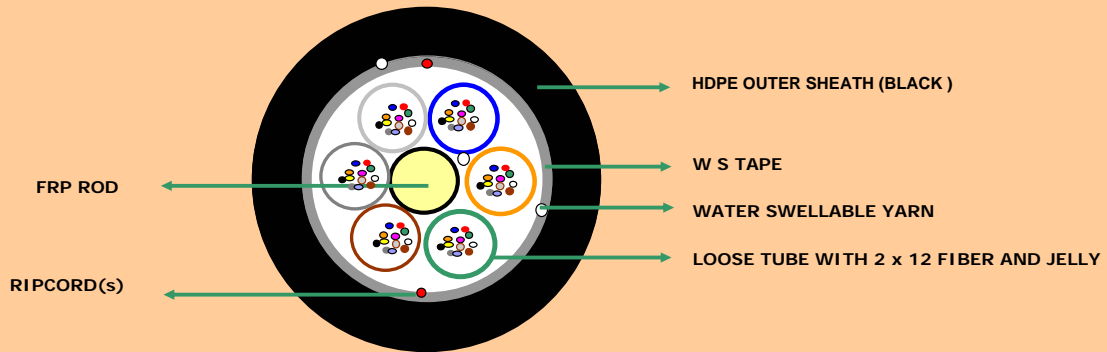


144 Fibre (SM-G652D) Dry Core MLT UA Optical Fibre Cable

PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE
Loose Tube			
Optical Fibre	144 Nos.	ITU-T G652D	1310nm : 0.36 & 1550nm : 0.23
Filling Jelly Tube	6 Nos.	Thixotropic jelly PBTP	4.0 ± 0.2 mm Nominal Diameter
Core			
Central Strength Member	1 No.	FRP	2.5 ± 0.2 mm Nominal Diameter
FRP Upcoat		Polyethylene	3.8 ± 0.2 mm Nominal Diameter
Core Wrap		W S Tape + W S YARNS	
Cable			
Rip Cord		Twisted yarns	2 Nos Under Sheath
Outer Sheath		High Density Polyethylene	Min 1.5 mm Radial Thickness

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	2000 N	Crush Resistance	2000 N / 100mm	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, Grey, White, Red, Black, Yellow, Violet, Pink, Natural
Loose Tube Colour	Blue, Orange, Green, Brown, Grey & White
Sheath Colour :	Black

PHYSICAL PARAMETERS

Diameter (mm, Nominal) +/- 1.0 mm	15.5	Cable wt. (Kg/km) Nominal ± 20.0	140	Cable length (km) Order Tolerance:	3 ± 10% ± 5 %
Printing details	QUALITY CABLE & ELECTRONICS, INC. SM 144F MLT UA , LAZERLINE TM , MONTH & YEAR OF MANUFACTURE, MANUFACTURE , LENGTH MARKING , CABLE IDENTIFICATION.				