

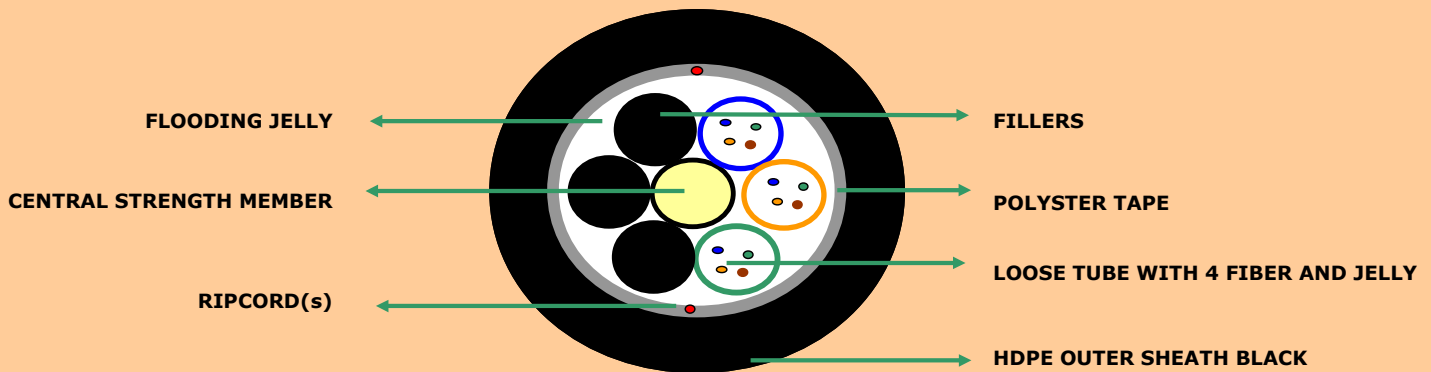
12 Fibre MLT MICRODUCT (SM-G652.D)

Jelly Filled MLT UA MICRODUCT Optical Fibre Cable

PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE	
Loose Tube				
Single Mode Optical Fibre	12 Nos.	ITU-T G652D	Sumitomo 1310nm : 0.36 & 1550nm : 0.23	
Filling Jelly Tube	3 Nos.	Thixotropic jelly PBTP	1.8 ± 0.2 mm	Nominal Diameter
Core				
Central Strength Member	1 No.	FRP	1.8 ± 0.2 mm	Nominal Diameter
Filler/ Dummy	3 No.	Polyethylene	Black / Natural	
Water blocking elements		Cable Flooding Jelly		
Core Wrap		Polyster Tape		
Cable				
Rip Cord		Twisted yarns	2 Nos	Under Sheath
Outer Sheath		High Density Polyethylene	0.7 mm	Radial Thickness

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	800 N	Crush Resistance	1000 N / 10cm	Temp. Performance	
Minimum Bend Radius		Impact strength	25Nm.	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
Loose Tube Colour	Blue,Orange,Green
Sheath Colour :	Black

PHYSICAL PARAMETERS

Diameter (mm, Nominal) +/- 0.7 mm	7.0	Cable wt. (Kg/km) Nominal	45	Cable length (km) Order Tolerance:	2/4 ± 10% ±5 %
Printing details					
NAME OF THE SUPPLIER SM 12F MLT UA LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE ,LENGTH MARKING , CABLE IDENTIFICATION.					