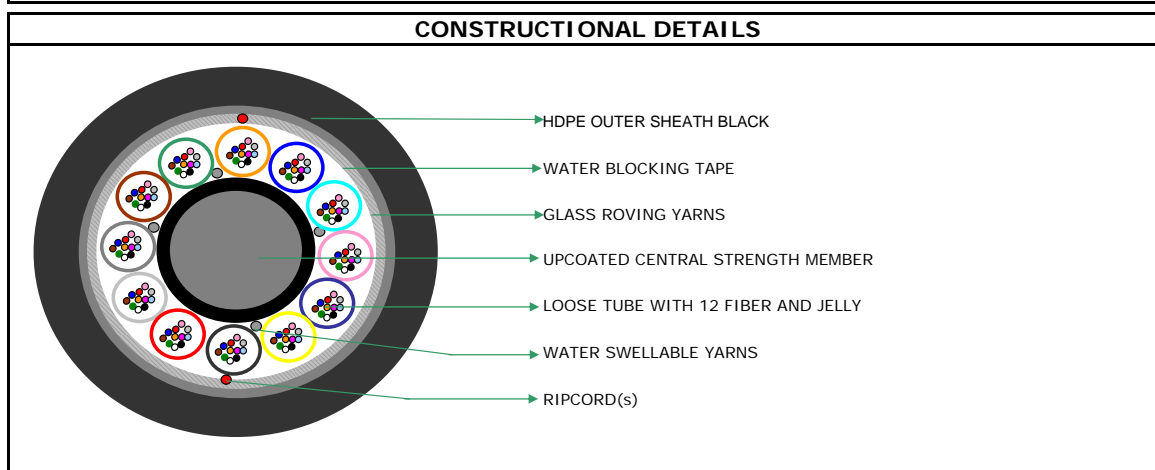


**144 Fibre (SM-G652) Multitube Dry Core Single Sheath Ductlite Optical Fibre Cable**

PRODUCT INFORMATION				
ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE	
<b>Loose Tube</b>				
Single Mode Optical Fibre	144 Nos.	ITU-T G652 PMD-Lite	SOTL/PMD-Lite/02/04	
Maximum Attenuation dB/Km			1310nm : 0.38 & 1550nm : 0.25	
Filling Jelly		Thixotropic jelly		
Tube	12 Nos.	PBTP	2.5 mm	Diameter
<b>Core</b>				
Central Strength Member	1 No.	FRP	7.5 mm	Upcoated Diameter
PeriPheral Strength Member		Glass Roving Yarns		
Water blocking elements		Water swell tape & yarns		
<b>Cable</b>				
Rip Cord		Twisted yarns	2 Nos	Under Sheath
Sheathing		High Density Polyethylene	1.8 mm	Radial Thickness



OPTICAL FIBRE CABLE PERFORMANCE				
MECHANICAL			ENVIRONMENTAL	
Max. Tensile strength	2700N	Crush Resistance	2000 N / 10cm	Temp. Performance
Minimum Bend Radius		Impact strength	25Nm.	Installation
-Short Term	15 x D	Torsion	± 180°	Service
-Long Term	20 x D			Storage
				-30°C to +60°C
				-40°C to +70°C
				-40°C to +70°C

COLOR DETAILS	
Optical Fibre Colour	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua .
Loose Tube Colour	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua .
Sheath Colour :	Black

PHYSICAL PARAMETERS				
Diameter (mm, Nominal)	17.2	Cable wt. (Kg/km)	217	Cable length (Km)
				2 ± 5%
				Order Tolerance: ± 5 %
				Non Standard Lengths : Max 5%
Printing details	STERLITE, SM 144F DUCTLITE, LASER SYMBOL, TELEPHONE SYMBOL, MONTH & YEAR OF MANUFACTURE, LENGTH MARKING, CABLE IDENTIFICATION.			