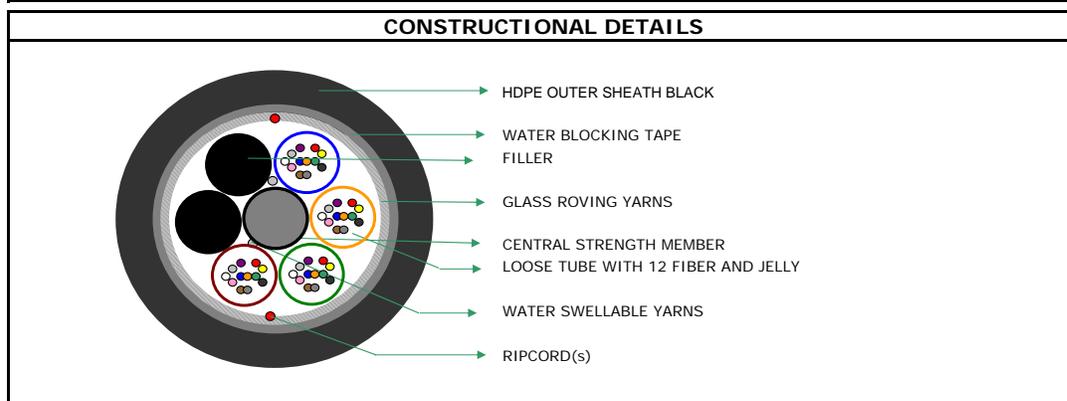



48 Fibre (SM-G652) Multitube Dry Core Single Sheath Ductlite Optical Fibre Cable

PRODUCT INFORMATION				
ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE	
Loose Tube				
Single Mode Optical Fibre	48 Nos.	ITU-T G652 PMD-Lite	SOTL/PMD-Lite™/02/04 1310nm : 0.38 & 1550nm : 0.25	
Maximum Attenuation dB/Km				
Filling Jelly		Thixotropic jelly		
Tube	4 Nos.	PBTP	2.5 mm	Diameter
Core				
Central Strength Member	1 No.	FRP	2.5 mm	Diameter
PeriPheral Strength Member		Glass Roving Yarns		
Filler	2 No.	PE	2.5 mm	Diameter
Water blocking elements		Water swell tape & yarns		
Cable				
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.
Filler Colour	Black.
Sheath Colour :	Black.

PHYSICAL PARAMETERS				
Diameter (mm, Nominal)	12	Cable wt. (Kg/km)	110	Cable length (Km)
				2/4 /6 ± 5%
				Order Tolerance:
				±5 %
				Non Standard Lengths :
				Max 5%
Printing details	STERLITE, SM 48F DUCTLITE, LASER SYMBOL, TELEPHONE SYMBOL, MONTH & YEAR OF MANUFACTURE ,LENGTH MARKING , CABLE IDENTIFICATION.			