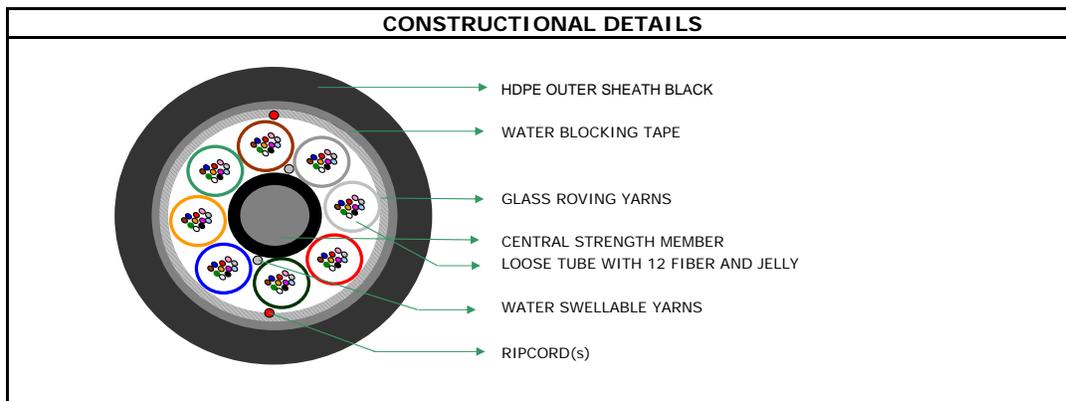



96 Fibre (SM-G652) Multitube Dry Core Single Sheath Ductlite Optical Fibre Cable

PRODUCT INFORMATION			
ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE
Loose Tube			
Single Mode Optical Fibre	96 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	8 Nos.	PBTP	2.5 mm Diameter
Core			
Central Strength Member	1 No.	FRP	4.2 mm Upcoated Diameter
PeriPheral Strength Member		Glass Roving Yarns	
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
Minimum Bend Radius		Impact strength	25Nm.
-Short Term	15 x D	Torsion	±180°
-Long Term	20 x D		
		Temp. Performance	
		Installation	-30°C to +60°C
		Service	-40°C to +70°C
		Storage	-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.
Sheath Colour :	Black

PHYSICAL PARAMETERS			
Diameter (mm, Nominal)	13.9	Cable wt. (Kg/km)	144
		Cable length (Km)	2/4 ± 5%
		Order Tolerance:	± 5 %
		Non Standard Lengths :	Max 5%
Printing details	STERLITE, SM 96F DUCTLITE, LASER SYMBOL, TELEPHONE SYMBOL, MONTH & YEAR OF MANUFACTURE , LENGTH MARKING , CABLE IDENTIFICATION.		