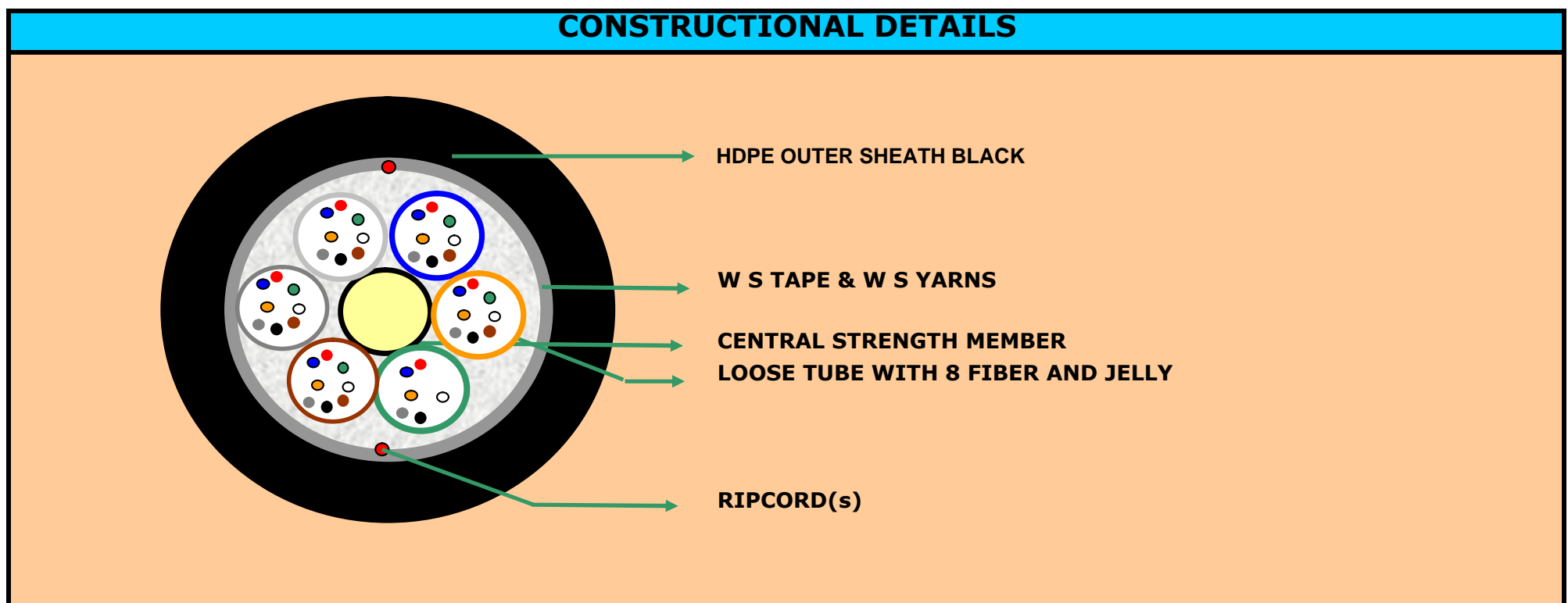


LazerLine!™

48 Fibre (SM-G652D) Dry Core Unarmoured Optical Fibre Cable

PRODUCT INFORMATION				
ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE	
Loose Tube				
Single Mode Optical Fibre	48 Nos.	ITU-T G652D	CORNING 1310nm : 0.36 & 1550nm : 0.23	
Filling Jelly		Thixotropic jelly		
Tube	6 Nos.	PBTP	2.1 mm	Nominal Diameter
Core				
Central Strength Member	1 No.	FRP	2.1 mm	Nominal Diameter
Water blocking elements		Cable Flooding Jelly		
Core Wrap		W S Tape		
Cable				
Rip Cord		Twisted yarns	2 Nos	Under Sheath
Outer Sheath		High Density Polyethylene	Min 1.5mm	Radial Thickness



OPTICAL FIBRE CABLE PERFORMANCE					
MECHANICAL			ENVIRONMENTAL		
Max. Tensile strength	1.2 kN	Crush Resistance	2000 N / 10cm	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, Slate, White, Red & Black
Loose Tube Colour	Blue, Orange, Green, Brown, Slate & White
Sheath Colour :	Black

PHYSICAL PARAMETERS					
Diameter (mm, Nominal) +/- 1.0 mm	10.0	Cable wt. (Kg/km) Nominal ± 20.0	80	Cable length (Km) Order Tolerance:	2/3/4/5 ± 10% ± 5 %
Printing details	NAME OF SUPPLIER - LAZERLINE . SM 48F MLT DC UA - SEQUENTIALLY MARKED IN METERS.				

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