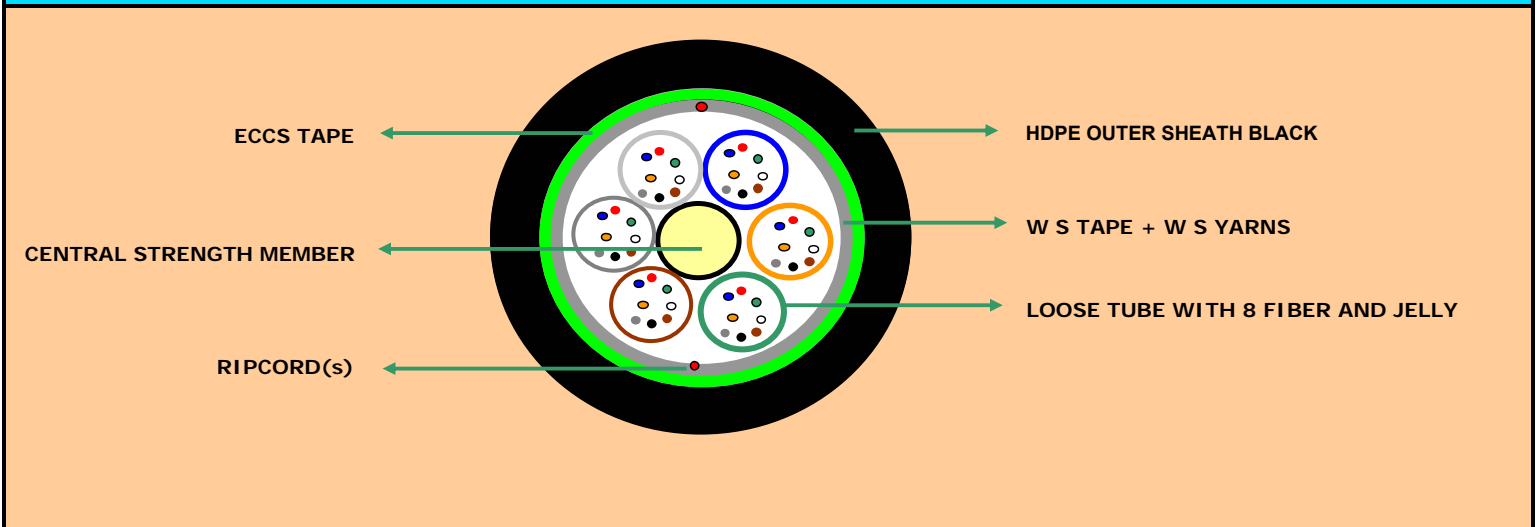


48 Fibre (SM-G652D) Dry Core MLT Single Sheath Armoured Optical Fibre Cable

PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE
Loose Tube Single Mode Optical Fibre	48 Nos.	ITU-T G652D	1310nm : 0.36 & 1550nm : 0.23
Filling Jelly Tube	6 Nos.	Thixotropic jelly PBTP	2.1 ± 0.2 mm Nominal Diameter
Core Central Strength Member Water blocking elements Core Wrap	1 No.	FRP Cable Flooding Jelly W S TAPE + W S YARNS	2.1 ± 0.2 mm Nominal Diameter
Cable Rip Cord Armouring Tape Thickness Outer Sheath		Twisted yarns ECCS Tape High Density Polyethylene	2 Nos Under Sheath 0.150 mm Nominal thickness Min 1.5 mm Radial Thickness

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL		ENVIRONMENTAL	
Max. Tensile strength	2000 N	Crush Resistance	2000 N / 10cm
Minimum Bend Radius		Impact strength	50Nm.
-Short Term	10 x D	Torsion	±180°
-Long Term	20 x D		
		Temp. Performance	
		Installation	-30°C to +70°C
		Service	-30°C to +70°C
		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) +/- 0.5 mm	11.5	Cable wt. (Kg/km) Nominal	120	Cable length (m) Order Tolerance:	5 ± 10% ±5 %
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Printing details	QUALITY CABLE & ELECTRONICS, INC., LAZERLINE™ , SM 48F MLT ARM, MONTH & YEAR OF MANUFACTURE, LENGTH MARKING, CABLE IDENTIFICATION.
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