

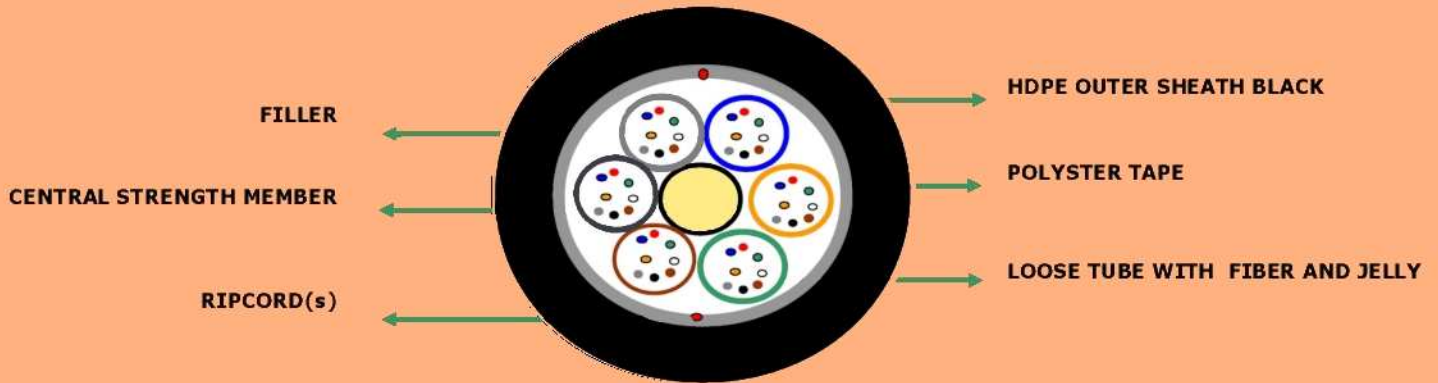
# 48 Fibre MLT MICRO DUCT (SM-G652.D)

## 4x12 Fibre (SM-G652) MLT UA Micro Duct Optical Fibre Cable

### PRODUCT INFORMATION

ELEMENTS	NOS.	MATERIAL	NOMINAL VALUE
<b>Loose Tube</b>			
Single Mode Optical Fibre	48 Nos.	ITU-T G652D	1310nm : 0.36 & 1550nm : 0.23
Filling Jelly Tube	4 Nos.	Thixotropic jelly PBTP	1.6±0.2mm Nominal Diameter
<b>Core</b>			
Central Strength Member	1 No.	FRP	1.6±0.2mm Nominal Diameter
Filler	2 Nos.	PE	Natural/ Black
Core Wrap		Polyster Tape	
<b>Cable</b>			
Rip Cord		Twisted yarns	2 Nos Under Sheath
Outer Sheath		High Density Polyethylene	0.7 mm Nominal Thickness

### CONSTRUCTIONAL DETAILS



### OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL				ENVIRONMENTAL	
Max. Tensile strength	700 N	Crush Resistance	1000 N / 10cm	Temp. Performance	
Minimum Bend Radius		Impact strength	25Nm.	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, Yellow, Violet, Pink, Natural
Loose Tube Colour	Blue, Orange, Green, Brown
Sheath Colour :	Black

### PHYSICAL PARAMETERS

Diameter (mm, Nominal) +/- 0.3 mm	6.3	Cable wt. (Kg/km) Nominal ± 10.0	32	Cable length (km) Order Tolerance:	2 ± 10% ± 5 %
-----------------------------------	-----	----------------------------------	----	------------------------------------	---------------

**Printing details** NAME OF THE SUPPLIER SM 48F MLT UA LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE, LENGTH MARKING, CABLE IDENTIFICATION.