



SIGNAMAX MLT Micro Cable

This cable is suitable for Air-Blown installation.

SHEAT MARKING

Print colour	white
Print method	INK-JET
Print legend	manufacturer's name, job number, type of cable, length marking @ 1 m intervals

FIBRE COLOUR CODE

1 – red	7 – brown
2 – green	8 – violet
3 – blue	9 – turquoise
4 – yellow	10 – black
5 – white	11 – orange
6 – grey	12 – pink

According to IEC 60304.

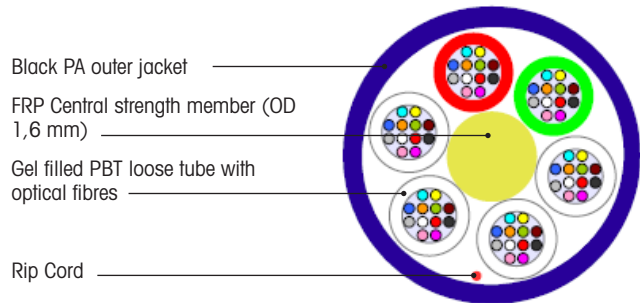
COLOUR CODE OF TUBES

- 1 Red
- 2 Green
- 3-6 White

In the case of lower number of fibres some tubes are replaced by uncoloured fillers.

FIBRE TYPE

- SMF ITU-T G.657.A (AllWave-Flex)
- SMF ITU-T G.657.B3 (AllWave-Flex)
- SMF ITU-T G.655 C&D (TrueWave RS)
- SMF ITU-T G.655.C&E G.656 (TrueWave Reach)
- SMF ITU-T G.652.D (LWP)
- SMF ITU-T G.652.D (AllWave)



MECHANICAL AND ENVIRONMENTAL PROPERTIES

Max. tensile strength (installation)	*E1A	800 N
Crush resistance	*E3	1 500 N/10 cm
Impact resistance	*E4	3 impacts (w/10 N.m)
Min. bend radius (long term)	*E11A	70 mm
Min. bend radius (short term)	*E11B	60 mm
Repeat bending	*E6	500 cycles (50 mm/1 Kg)
Kink	*E10	50 mm
Cable stiffness	*E17	0,02149 Nm ²
Torsion		10 cycles ±180°, 50 cm/5 kg 10 cycles ±360°, 50 cm/5 kg 10 cycles ±720°, 50 cm/5 kg
Moisture resistance	*PS	passed
Compound flow	*E14	30 cm / 24h / 70°C passed
Temperature range	*F1	
	installation	-5 °C to +50 °C
	operation	-25 °C to +70 °C
	storage	-25 °C to +70 °C
Cable informative nominal weight (calc.)		25 kg/km
Standard put-up length		2 100 m, 4 100 m
Packaging		Plywood drum
Buffer diameter		1,5
Simplex diameter		0,3 ±(min. 0,2 mm)
Cable width		5,3 ±0,4 mm

* IEC 60794-1-2

