



SIGNAMAX CLT Universal Fibre Optic Cable

This cable is suitable for outdoor use.

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

According to IEC 60304.

1 – red	7 – brown	13 – red*	19 – brown*
2 – green	8 – violet	14 – green*	20 – violet*
3 – blue	9 – turquoise	15 – blue*	21 – turquoise*
4 – yellow	10 – black	16 – yellow*	22 – black*
5 – white	11 – orange	17 – white*	23 – orange*
6 – grey	12 – pink	18 – grey*	24 – pink*

* with black rings

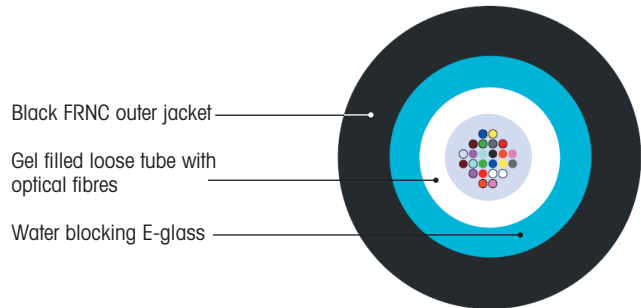
FIBRE TYPE

Single mode fiber 9/125
 Multi mode fiber 50/125
 Multi mode fiber 62,5/125

CONSTRUCTION

Loose buffer tube	material PBT, thixotropic gel filled
Strength member	water blocking E glass
Outer jacket	FRNC – black UV stable

Flammability	EN 50266-1, EN 50266-2-2
Acid gases	ČSN EN 50267-1, ČSN EN 50267-2-2, EN 50267-2-3
Smoke density	ČSN EN 61034-1 a ČSN EN 61034-2
Cable life time	minimum 30 years



MECHANICAL AND ENVIRONMENTAL PROPERTIES

Max. tensile strength (installation)*E1A	1 000 N
Crush resistance *E3	1 000 N/10 cm
Impact resistance *E4	3 impacts (w/5 N.m)
Min. bend radius (long term) *E11A	10x cable diameter (no load)
Min. bend radius (short term) *E11B	15x cable diameter (load)
Temperature range *F1	
installation	-5 °C to +40 °C
operation	-30 °C to +70 °C
storage	-40 °C to +70 °C
Cable informative nominal weight (calc.)	54 kg/km
Standard put-up length	2 100 m, 4 100 m
Drum size (plywood)	75,5x30x39 cm (2 100 m)
Drum size	100x64x60 cm (4 100 m)
Loose tube nominal diameter	3,0 ±0,1 mm
Outer jacket nominal thickness	1,5 (min. 1,2) mm
Cable nominal outer diameter (calc)	6,5 ±0,5 mm

* IEC 60794-1-2

