



SIGNAMAX DROP Fiber Optic Cable

This cable is suitable for indoor or outdoor use.

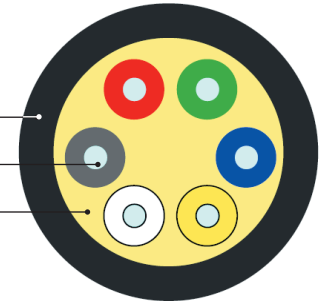
SHEATH MARKING

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

LSZH outer jacket

Optical fibre

Water blocking aramid yarn



FIBRE TYPE

Single mode fiber 9/125

CONSTRUCTION

Fibre SM 9/125 ITU-T G.657.A
 (coloured acc. to IEC 60304)
 red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink

Strength member water blocking aramid yarn
 Outer jacket LSZH 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

Suitable for indoor use.

MECHANICAL AND ENVIRONMENTAL PROPERTIES

Max. tensile strength (installation)*E1A see table
 Crush resistance *E3 500 N/10 cm
 Impact resistance *E4 3 impacts (w/18 N.m)
 Min. bend radius (long term) *E11A 23× cable diameter (no load)
 Min. bend radius (short term) *E11B 12× cable diameter (load)
 Kink *E10 10 mm
 Torsion *E7 10 cycles ±720°, 50 cm/1 kg

Repeat bending *E6 5.000 cycles (40 mm/1 kg)
 Temperature range *F1
 installation -5 °C to +40 °C
 operation -20 °C to +50 °C
 storage -25 °C to +60 °C

Cable informative nominal weight (calc.) see table
 Standard put-up length 2 100 m, 4 100 m
 Drum size see table

* IEC 60794-1-2



Technical Specifications

Number of fibre	Max. tensile strength (install.) (N)	Outer jacket min. th. (mm)	Outer diameter (mm)	Cable inf. weight (calc) (kg)	Plywood drum (2 100 m)
2	500	0,7	3,0 ±0,3	10	450×300×390
4	500	0,7	3,0 ±0,3	10	450×300×390
6	500	0,7	3,0 ±0,3	10	450×300×390
8	500	0,7	3,4 ±0,3	12	450×300×390
12	500	0,7	3,4 ±0,3	14	450×300×390
16	500	0,7	3,7 ±0,3	14	600×300×390
24	500	0,7	4,0 ±0,3	17	600×300×390