



# SIGNAMAX Uni Distribution Fibre Optic Cable

This cable is suitable for indoor or outdoor use. The cable has higher level of rodent protection.

## SHEATH MARKING

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

## FIBRE TYPE

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

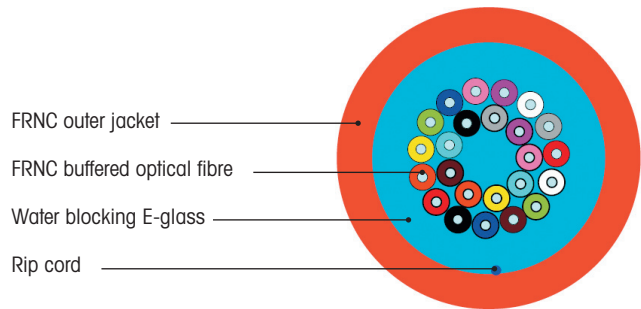
## CONSTRUCTION

Fibre (uncoloured) SM 9/125; MM 50/125; MM 62,5/125  
 Buffer tight – strip. up to 10 cm (5ET1)  
 semi-tight – strip. 20 to 100 cm(5ES1)  
 free – strip. more than 100 cm (5EF1)  
 material – LSZH  
 colour 1st to 12th: red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink  
 colour 13th to 24th: red, green, blue, yellow, white, grey, brown, violet, turquoise, black\*, orange, pink – with black rings (according to IEC 60304).  
 \* white ring

Strength member water blocking E-glass  
 RIP-cord 1x under outer jacket  
 Outer jacket FRNC  
 Colour SM 9/125 – Yellow  
 MM 50/125 – Green  
 MM 62,5/125 – Orange

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 2 000 N/10 cm  
 Impact resistance \*E4 3 impacts (w/20 N.m)  
 Min. bend radius (long term) \*E11A 15x cable diameter (no load)  
 Min. bend radius (short term) \*E11B 25x cable diameter (load)  
 Temperature range \*F1  
 installation -5 °C to +40 °C  
 operation -20 °C to +50 °C  
 storage -40 °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  
 Buffer nominal diameter 0,9 ±0,05 mm

\* 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	850	0,8	5,0 ±0,5	29	60x30x39
4	1 000	0,8	5,5 ±0,5	35	60x30x39
6	1 200	0,8	6,2 ±0,5	42	75,5x30x39
8	1 400	0,8	6,5 ±0,5	46	75,5x30x39
10	1+ 600	0,8	6,7 ±0,5	51	75,5x30x39
12	2 500	0,8	8,3 ±0,5	69	75,5x30x39
16	2 700	0,9	8,4 ±0,5	78	100x60x64
24	2 900	0,9	10,4 ±0,5	99	100x60x64