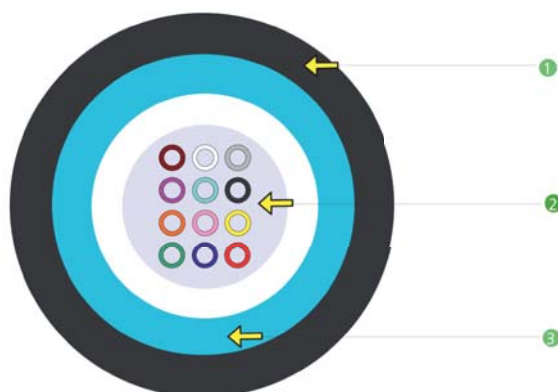


Uni Tube Cable

Cable Construction: CLv1

MAX. 12F

This cable is suitable for indoor or outdoor installation. The cable has standard level of rodent protection.



1	2	3
Black FR-LSZH outer jacket, UV stable	Gel filled loose tube with optical fibers	Waterblocking E-glass yarn

Fiber color coding

According to IEC 60304

1 Red	7 Brown
2 Green	8 Violet
3 Blue	9 Turquoise
4 Yellow	10 Black
5 White	11 Orange
6 Grey	12 Pink

Other Fiber color sequences available on request

Fiber Type

Single mode fiber 9/125

Multi mode fiber 50/125

Multi mode fiber 62,5/125

See the Fiber Specification sheet

Sheath Marking

Print color	White
Print method	INK-Jet
Print legend	SKY COMMUNICATIONS, cable type Part Number, length marking @ 1 m intervals

Other print legends available on request

Mechanical and Environmental properties

Max. tensile strength	*E1A	1100 N
Crush resistance	*E3	2000N/10cm
Impact resistance	*E4	3 impacts (w/20N.m)
Min. bend radius	*E11A	15× cable diameter
	*E11B	20× cable diameter (load)
Moisture resistance	*F5	passed
Compound flow	*E14	30 cm / 24h / 70°C passed
Temperature range	*F1	-15 °C to + 50 °C
installation		-20 °C to + 70 °C
operation		-20 °C to + 70 °C
storage		-20 °C to + 70 °C
Cable informative nominal weight (calc.)		35,5 kg/km
Standard put-up length		2100 m, 4100 m
Packaging		Plywood drum
Loose tube diameter		2,5 mm
Outer jacket thickness		1,0 ± 0,2 mm
Cable outer diameter		5,4 ± 0,5 mm

* IEC 60794-1-2

Note: When installing or assembly under temperature bellow 5°C cable has to be stock in

Temp. of 20°C at least 24h before installation.

Cable life time - minimum 30 years

Suitable for indoor use

Flammability	EN 60332-2-22 (cat. A)
Acid gases	EN 50267-1, EN 50267-2-2, EN 50267-2-3
Smoke density	EN 61034-1, EN 61034-2