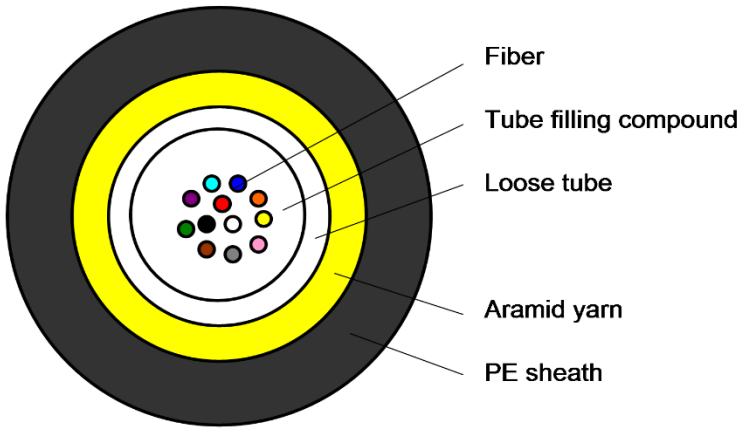
Uni Tube Non-metallic Micro Cable

Model: NCM-UNMC

Features

- Non-mental design can prevent the cable from radio interference and magnetic wave interference
- Specially designed compact structure is good at preventing loose tubes from shrinking
- Aramid yarn ensures good performance of tensile strength
- Loose tube filling compound ensure good moisture resistance performance
- Good flexibility
- High dense fiber packed, small diameter and light weight. It's the best option for blowing installation process



Uni Tube Non-metallic Micro Cable

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

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Uni Tube Non-metallic Micro Cable

Model: NCM-UNMC

Description

The fibers, 250µm, either of single-mode or multimode type, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A layer of aramid yarn is applied around the cable core as additional strength member. Then, the cable is completed with a black or color High Density Polyethylene (HDPE) sheath.

Technical Data

Cable type	NCM-UNM (2~12Xn)	NCM-UNM (14 ~24Xn)
Fiber count	2~12	14~24
Cable size	3.5±0.3	4.4±0.3
Cable Weight(Ref)(kg/km)	12	15
Tensile Strength Long/short term(N)	60/150	60/150
Crush resistance Long/short term(N/100mm)	150/450	150/450
Storage/Operating Temperature	-40℃ to +70℃	-40℃ to +70℃
Bending radius Static/Dynamic(mm)	10D/20D	10D/20D

Optical Characteristics

Fiber Type		G.652	G.655	50/125 µm	62.5/125 µm
Attenuation（+20℃）	@ 850 nm			≤ 3.0 dB/km	≤ 3.3 dB/km
	@1300 nm			≤ 1.0 dB/km	≤ 1.0 dB/km
	@1310 nm	≤ 0.36 dB/km	≤ 0.36 dB/km		
	@1550 nm	≤ 0.22 dB/km	≤ 0.22 dB/km		
Bandwidth	@ 850 nm			≥ 500 MHz·km	≥ 200 MHz·km
	@1300 nm			≥ 500 MHz·km	≥ 500 MHz·km
Numerical Aperture				0.200 ± 0.015 NA	0.275 ± 0.015 NA
Cut-off Wavelength λcc		≤ 1260 nm	≤ 1260 nm		

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