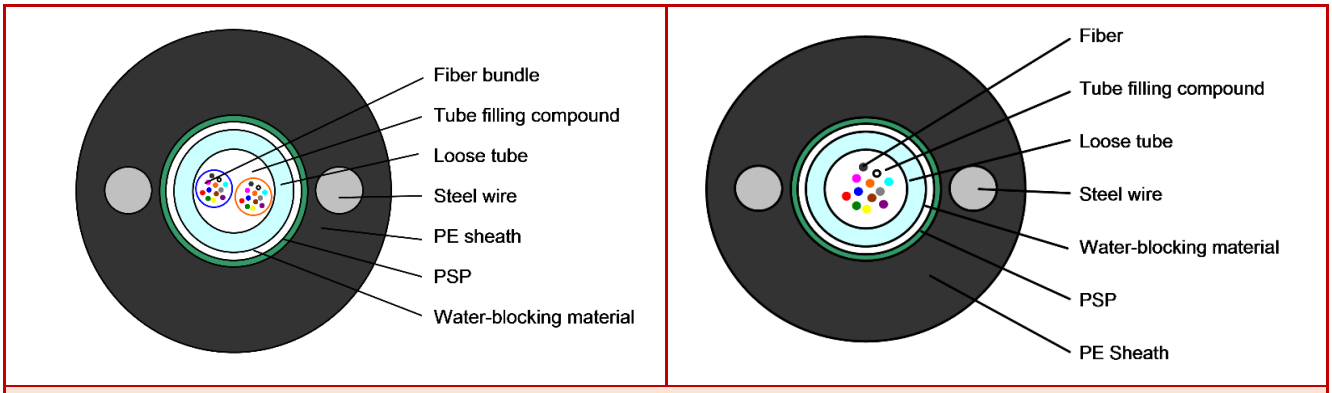
Uni Tube Light-Armored Cable

Model: NCM-ULAC

Features

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Specially designed compact structure is good at preventing loose tubes from shrinking
- Crush resistance and flexibility
- Polyethylene (PE) sheath protects cable from ultraviolet radiation
- Two parallel steel wires ensure tensile strength
- Small diameter, light weight and friendly installation
- Long delivery length
- Plastic-Steel-Plastic (PSP) enhancing moisture-proof



Uni tube Light-armored Cables

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 Light-Armored Cable

Model: NCM-ULAC

Description

The fibers, 250µm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath.

Technical Data

Cable Type (Increased by 2fibers)	Fiber Count	Cable Weight kg/km (Ref)	Tensile Strength Long/Short Term (N)	Crush Resistance Long/Short Term (N/100mm)	Bending Radius Static/Dynamic (mm)
NCM-ULA-2~12Xn	2~12	103	600/1500	1000/3000	10D/20D
NCM-ULA-14~24Xn	14~24	147	1000/3000	1000/3000	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	≤ 0.40 dB/km		
	@1550 nm	≤ 0.22 dB/km	≤ 0.23 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	≤ 1450 nm		

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