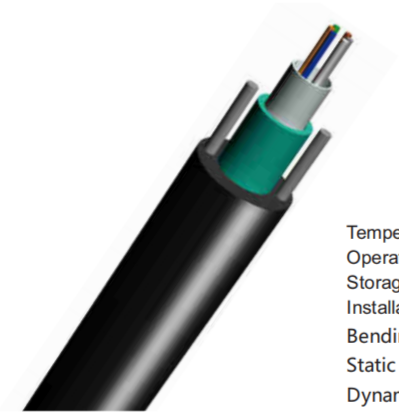
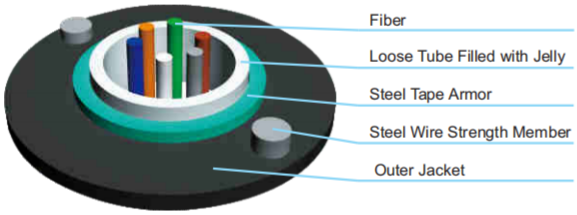
Armored Uni-Tube OpticalCable With Rodent Protection



Temperature Range
Operating : -40℃ to +70℃
Storage : -50℃ to +70℃
Installation : -30℃ to +70℃
Bending Radius:
Static 10D
Dynamic 20D



Cable Structure

Description

Armored Uni-Tube Single Jacket/Single Armor fiber optic cable with fibers placed in loose buffer tube. The cable core is protected with a corrugated steel tape armor and cover with a black polyethylene out jacket. Two embedded steel wire provide desire tension.

Product Construction

Fiber:
2-24 fibers
Uni-loose tube gel-filled
Armor:
Corrugated steel tape
Strength Member:
Embedded steel wire
Outer Jacket:
Black UV-and moisture-resistant polyethylene (PE).

Features

Uni-tube gel-filled construction for superior fiber protection.
Metallic armor to protect cable from rodent attack and mechanical damage.
Embedded steel wire provide desirable tensile strength and crush resistance.
Compact, easy to install.
UV and moisture-resistant design.

Applications

Interbuilding voice or data communication.
Installed in duct, underground conduit.
FTTx.

Optical Characteristics

Fiber Type		G.652	G.655	50/125μm	62.5/125μm
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
Cable Cut-off Wavelength λcc		≤1260 nm	≤1450 nm		

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
			Short Term	Long Term	Short Term	Long Term
2~12	7.8	60	1500	600	1000	300
14~24	8.5	85	1500	600	1000	300

Note : This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.