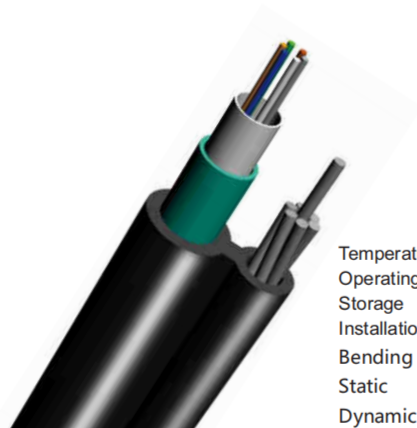
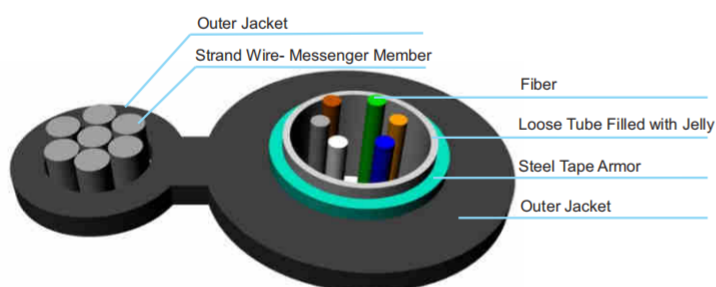


Uni-Tube Fig8 Self-Supported Optical Cable With Rodent Protection



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



Cable Structure

Description

Uni-Tube Fig8 Self-Supported Cable with fibers placed in jelly filled loose buffer tube, and protected with a corrugated steel tape armor. All whole unit and galvanized steel messenger are covered with black polyethylene outer jacket.

Product Construction

- Fiber:**
2-24 fibers
Uni-loose tube gel-filled
- Armor:**
Corrugated steel tape
- Outer Jacket:**
Black UV and moisture-resistant polyethylene (PE)
- Messenger Member:**
Galvanized steel

Features

Uni-tube gel-filled construction for superior fiber protection.
 Metallic armor to protect cable from rodent attack and mechanical damage.
 UV and waterproof design.

Applications

Interbuilding voice or data communication.
 Installed aerially.
 FTTx.

Optical Characteristics

Fiber Type		G.652	G.655	50/125µm	62.5/125µm
Attenuation (+20°C)	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 λ _{cc}		≤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	7.6×15.6	142	4000	2000	1000	300
>12	Available upon customer's request					

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