

## Non-Armored Uni-Tube Single Jacket Cable



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

## Description

Non-Armored Uni-Tube optical cable with fibers placed in loose buffer tube.

The cable core is protected with jelly to prevent water intrusion and migration, and cover with a black polyethylene out jacket. Two embedded FRP or metallic wire provide desire tension.

## Features

Embedded strength member provide desirable tensile strength.

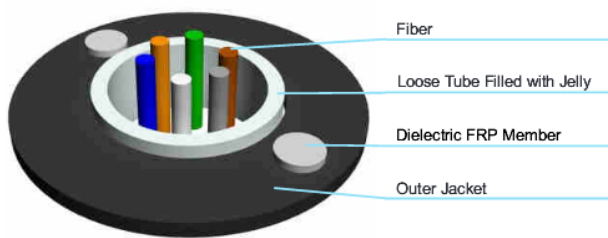
Compact, easy to install.

UV and moisture-resistant design.

## Applications

Installed in duct, Aerial/Lashed.

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 <sub>cc</sub>		≤1260 nm	≤1450 nm		

## Structure and Technical Specifications

## All-Dielectric

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	5.3~5.5	45	600	250	1000	400
14~24	5.6~5.8	56	800	300	1000	400

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