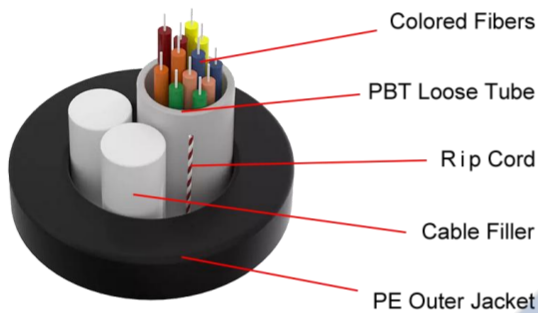


Uni-Loose Tube All Dielectric Aerial Round Optical Cable



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

ASU cable is all dielectric fiber optic cable, is no armored, a round cable with Two FRP as strength member, and cover with black polyethylene outer jacket, idea for aerial installation

Product Construction

**Fiber:**  
 2-24 fibers  
 Uni-Loose tube gel-filled  
**Armor:**  
 Steel wire Armored  
**Inner Jacket:**  
 Black UV and moisture-resistant polyethylene (PE)  
**Outer Jacket:**  
 Black UV and moisture-resistant polyethylene (PE).

Features

- Small Size and Ligth Weight
- Two FRP as strength member to provide good tensile performance
- Gel Filled or gel free , good waterproof performance
- Low price ,high fiber capacity

Applications

Applicable for short span aerial. FTTx, Access.

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

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
1~12	7.0	48	1700	700	1000	300
14~24	8.8	78	2000	800	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.