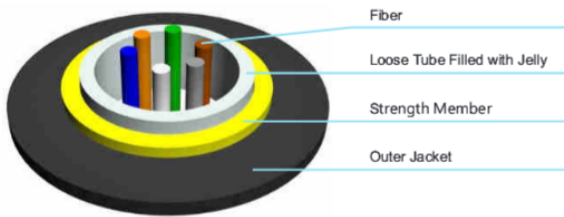


## Uni-Tube Indoor/Outdoor Optical Fiber Cable



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



Fiber  
 Loose Tube Filled with Jelly  
 Strength Member  
 Outer Jacket

### Description

All dielectric loose tube optical cable for indoor/outdoor or in-ducts applications reinforced with fiber glass yarns, and with flame resistant out jacket with protection against weather and UV rays.

### Product Construction

**Fiber:**  
 2-24 fibers  
 Uni-loose tube gel-filled  
**Strength Member:**  
 Water blocking fiber glass reinforced yarn  
**Outer Jacket:**  
 UV and Flame resistant LSZH

### Features

Uni-tube gel-filled construction for superior fiber protection.  
 Small diameter and light weight design to save space inside duct.  
 LSZH jacket for flame resistant.

### Applications

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

## Cable Structure

### Optical Characteristics

Fiber Type	Attenuation		Overfilled Launch Bandwidth	Effective Modal Bandwidth	10Gb/s Ethernet link length	Min Bending Radius
	1310/1550nm	850/1300nm				
<b>Conditions</b>	1310/1550nm	850/1300nm	850/1300nm	850nm	850nm	
<b>Unit</b>	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22					16
G657A1	0.36/0.22					10
G657A2	0.36/0.22					7.5
50/125		3.0/1.0	≥500/500			30
62.2/125		3.0/1.0	≥200/500			30
OM3		3.0/1.0	≥1500/500	≥2000	≥300	30
OM4		3.0/1.0	≥3500/500	≥4700	≥550	30
BI-OM3		3.0/1.0	≥1500/500	≥2000	≥300	7.5
BI-OM4		3.0/1.0	≥3500/500	≥4700	≥550	7.5

### Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)		Aerial Install span with 1% sag		
			Short Term	Long Term	Short Term	Long Term	NESC Light	NESC Medium	NESC Heavy
2~12	6.0	27	1200	500	1000	300	80meters	65meters	45meters
14~24	6.5	33	1200	500	1000	300	65meters	50meters	35meters

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