

## Indoor/Outdoor 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

## Description

Indoor/Outdoor Armored Cable with fibers placed in loose buffer tube. The cable core is protected with jelly to prevent water intrusion and migration, reinforced with fiber glass yarns, protected with corrugated steel tape and cover with UV and flame resistant LSZH jacket.

## Product Construction

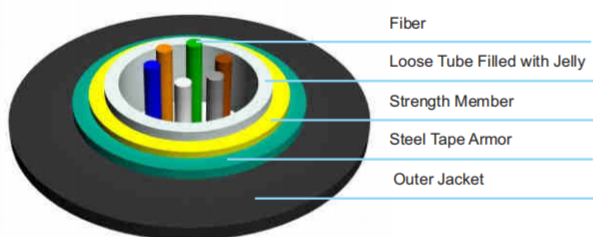
**Fiber:**  
 2-24 fibers  
 Uni-loose tube gel-filled  
**Armor:**  
 Corrugated steel tape  
**Strength Member:**  
 Water blocking fiber glass reinforced yarn  
**Outer Jacket:**  
 UV and waterproof polyethylene (PE).

## Features

Uni-tube gel-filled construction for superior fiber protection.  
 Corrugated steel tap armor to protect cable from mechanical damage and rodent 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 directly buried.  
 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				
Conditions	1310/1550nm	850/1300nm	850/1300nm	850nm	850nm	
Unit	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)	
			Short Term	Long Term	Short Term	Long Term
2~12	7.8	59	1200	400	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.