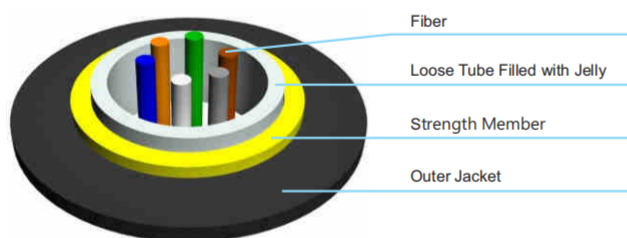


Uni-Tube Indoor/Outdoor Optical Fiber Cable



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



Cable Structure

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.

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)		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.