

# Self-Supported Loose Tube Drop 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

The core with fibers placed in loose buffer tube and reinforced with aramid yarns, and cover with UV and Flame resistant LSZH Jacket. The cable cross section is a fig.8 made with a steel wire strength member.

## Product Construction

- Fiber:** 2-12 color fibers 250µm
- Reinforced Member:** Aramid yarn
- Self-supported Member:** Steel Wire
- Outer Jacket:** UV and Flame resistant LSZH.

## Features

- Uni-tube gel-filled construction for superior fiber protection.
- UV and waterproof design.
- Self-supporting Figure 8 design.
- Compact, easy to install.

## Applications

- Interbuilding voice or data communication.
- Installed aerially.
- FTTx.

## 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>	<b>1310/1550nm</b>	<b>850/1300nm</b>	<b>850/1300nm</b>	<b>850nm</b>	<b>850nm</b>	
<b>Unit</b>	<b>dB/km</b>	<b>dB/km</b>	<b>MHZ.km</b>	<b>MHZ.km</b>	<b>m</b>	<b>mm</b>
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	5.4×10.5	44	800	400	200	100
>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.