

Drop Cable

Lightem offers a board variety of fiber optic cable for all indoor access and structure cabling application such as simplex, duplex, tight buffer, distribution, breakout and ribbon cable. Fitting most of the indoor application environment, whatever for short distance cabling or premises structure cabling.

G652D, G657A1/A2, OM1 62.5/125 μ m, OM2 50/125 μ m, OM3 and OM4 fibers are available. Lightem also provides the customization service on the fiber, colours and construction of the cables for catering different cases.

Features

- Patchcord preparation
- Indoor short distance cabling
- Small bending, light weight and highly flexible
- Easy to Install and terminate
- PVC or LSZH jacket is available

Applications

- CATV
- Telecommunication networks
- Wide Area Networks
- Industrial, medical & military
- Local Area Networks
- Test equipment
- Active device termination
- Data processing networks

Specifications

General	Value
Flame Rating	PVC / LSZH
Fiber Category	Singlemode
Temperature Range	
PVC Sheath	-20°C to + 70°C
LSZH Sheath	-40°C to +60°C

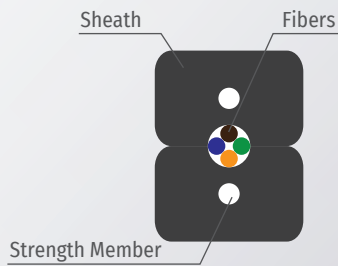
Cable Design	Value
Fiber Count	1 ~ 4
Buffering Diameter	900 μ m
Tight Buffer Colour	Blue / Orange / Green / Brown
Strength Member Material	Steel Wire
Strength Member Diameter	0.45 \pm 0.05 mm
Sheath Material	PVC / low-smoke, zero-halogen (LSZH)
Sheath Colour	Black / White
Min. Sheath Thickness	0.35mm

Mechanical Characteristics Cable	Value
Outer Diameter (D*H)	2.0*3.0 \pm 0.02
Nominal Weight	11
Max. Tension (Short-term)	200
Max. Tension (Long-term)	100
Max. Crushing Resistance (Short-term)	1000
Max. Crushing Resistance (Long-term)	500

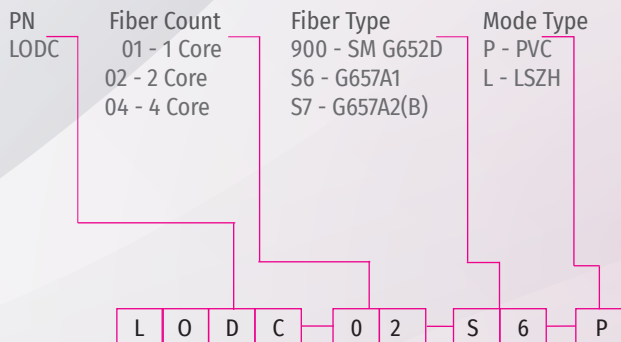
Fiber Specifications

Parameters	Singlemode		
Fiber Name	G652D	G657A1	G657A2
Fiber Core Diameter	9.0µm	9.0µm	9.0µm
Max. Attenuation	at 1310nm	<0.4 dB/km	<0.4 dB/km
	at 1550nm	<0.3 dB/km	<0.3 dB/km
Min. Bending Radius (Load)	60mm	50mm	50mm
Min. Bending Radius (Unload)	30mm	25mm	25mm

Product Drawing



Ordering information



* Ordering Code Example