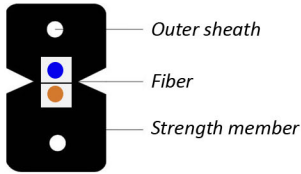


## FTTH Flat Drop Cable Indoor (WHITE)



### STRUCTURE DIAGRAM & DESCRIPTION

The optical fibre unit is positioned in the centre. Two parallel Fibre Reinforced Plastics (FRP) or Steel wire are placed at the two sides. Then the cable is completed with a white / black LSZH sheath.

### Characteristics

- 1) Simple structure, light weight, high tensile strength and metal-free.
- 2) Novel groove design, easily strip and splice, simplified installation and maintenance.
- 3) Low smoke, zero halogen and flame retardant sheath, environment-friendly, good safety.

**Standard:** Comply with standard YD/T1997-2009

### FIBRE ATTENUATION

Item Description		
G657A1 Fibre	atten.1310	≤ 0.40
	atten.1550	≤ 0.30dB/km

### CABLE DIMENSIONS & CONSTRUCTIONS

Item Description		
Optical Fibre	Fibre count	1
Fibre Color		Blue
Strength Member	Material	Steel wire / FRP
	Diameter	0.4mm
Messenger wire	Material	Galvanized Steel Wire / Fibre Reinforced Plastics
	Diameter	1.1mm
Sheath	Material	LSZH
	Thickness	≥ 0.4mm
Cable Diameter		(2±0.1)*(3.0±0.1)
Cable Weight	Net Weight	10.5

## MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Item Description			
<b>Tensile performance</b>	IEC 60794-1-2-E1	short-term	200N
		long-term	100N
<b>Crush Resistance</b>	IEC 60794-1-E3	short-term	2200N
		long-term	1000N
<b>Cable Impact</b>	IEC 60794-1-E4	No obvious change after test	
<b>Repeat Bending</b>	IEC 60794-1-E6		
<b>Torsion</b>	IEC 60794-1-E7		
<b>Cable Bend</b>	IEC 60794-1-E11		
<b>Temperature Range</b>	IEC 60794-1-2-F1	-20 <sup>o</sup> to +60 <sup>o</sup>	
<b>Bending Radius</b>	Static	30mm	
	Dynamic	15mm	

**Packing: Wooden Drum in Carton Box**

### Marking

#### For D1G65A1L-INWH:

OPTILITE / OPTIFAB OPTICALL DROP FTTH FIBRE CABLE – INTERNAL / EXTERNAL – LSZH – 1X9/125 – G.657A1 – 2016 – BATCH xxxxm

#### For D2G65A1L-INWH:

OPTILITE / OPTIFAB OPTICALL DROP FTTH FIBRE CABLE – INTERNAL / EXTERNAL – LSZH – 1X9/125 – G.657A2 – 2016 – BATCH xxxxm

### Delivery Length

Standard delivery length is 1km/drum or 2km/drum

## ITEM

Cable Type	Strength Member	Fibre Count	Cable Size (mm)	Cable Weight (kg/km)
D1G65A1L-INWH	Steel wire	1	2.0mm * 5.2m	21
D2G65A1L-INWH		2	2.0mm * 5.2m	21
D2G65A1F-INWH	FRP	1	2.0mm * 5.2m	18.9
D2G65A1F-INWH		2	2.0mm * 5.2m	18.9