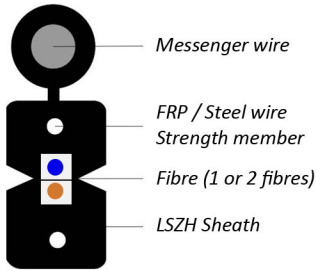


## FTTH Flat Drop Cable Outdoor (Black)



### 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. A steel wire as the additional strength member is also applied. Then the cable is completed with a black LSZH sheath. Can be either single core or two fibres.

### Characteristics

- 1) Novel groove design, easily strip and splice, simplified installation and maintenance, higher tensile strength.
- 2) Suitable as cable extending from outdoor (as aerial cable) to indoor.
- 3) Low smoke, zero halogen and flame retardant sheath, environment-friendly, good safety

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

### FIBRE ATTENUATION

Item Description		
	atten.1310	≤ 0.40
G. 657A1 or G. 657A2 Fibre	atten.1383	≤ 0.33dB/km
	atten.1550	≤ 0.30dB/km

### CABLE DIMENSIONS & CONSTRUCTIONS

Item Description		
Optical Fibre	Fibre count	1
Fiber 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	≥ 0.3mm
Cable Diameter	Width	5.2 mm
	Height	2.0 mm
Cable Weight	Net Weight	21

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS			
Item Description			
<b>Tensile performance</b>	IEC 60794-1-2-E1	short-term	500N
		long-term	250N
<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	-40° to +70°	
<b>Bending Radius</b>	Static	15mm	
	Dynamic	30mm	

**Packing: Wooden Drum in Carton Box**

**Marking**

**For D1G65A1L-OUTBK:**

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

**For D2G65A1L-OUTBK:**

OPTIFAB OPTICAL DROP FTTH FIBRE CABLE – 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-OUTBK	Steel wire	1	2.0mm * 5.2m	21
D1G65A1L-OUTBK		2	2.0mm * 5.2m	21
D1G65A1F-OUTBK	FRP	1	2.0mm * 5.2m	18.9
D2G65A1F-OUTBK		2	2.0mm * 5.2m	18.9