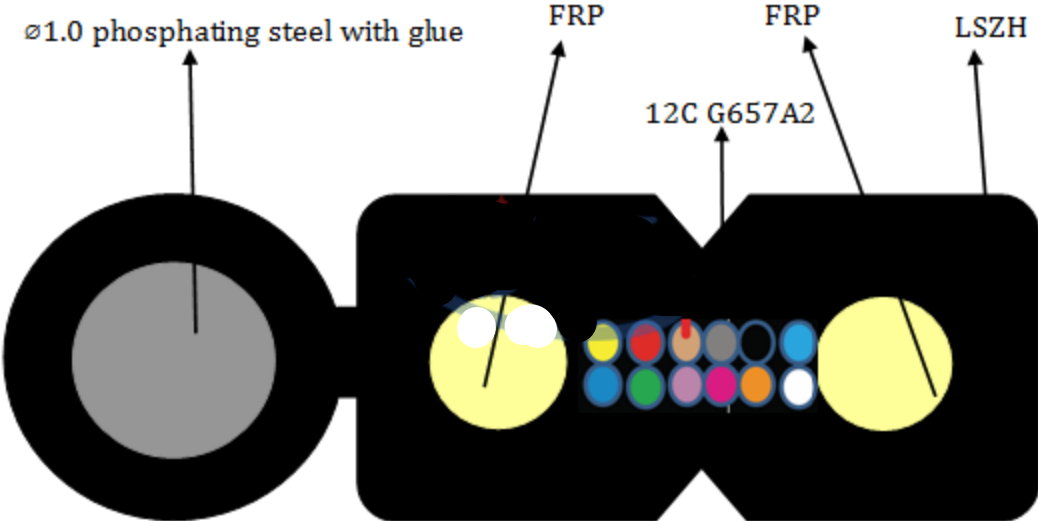
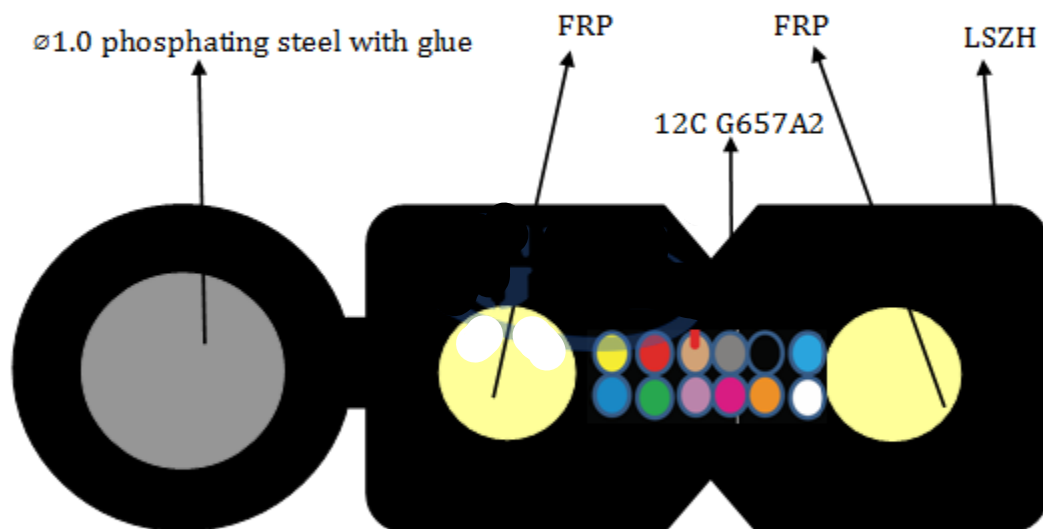


12C Outdoor Drop Cable



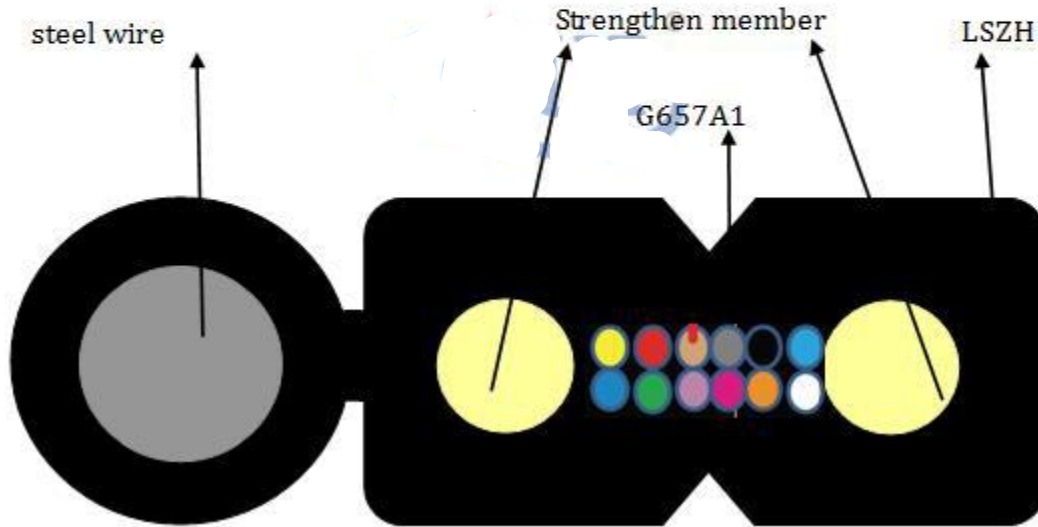
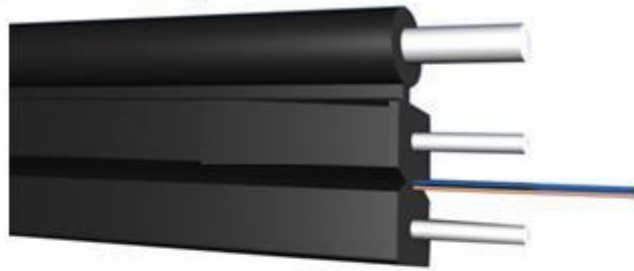


## Fiber to the home aerial drop cable (12core FTTH)

### 1. Cable Description

FTTH Cable directly connected to their homes, their bandwidth, wavelength and transmission technology type are not restricted. The optical fiber unit is positioned in the center. Two parallel strength members 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 HDPE sheath.

**Cable Drawing**



**Cable construction details**

Items		Description
Number of fiber		12cores
Fiber type		G657A1
Strength member	material	FRP or AFRP or steel wire
	diameter	2*0.5mm (0.45mm)
Self support	material	galvanized or phosphate Steel wire (with glue or without glue)
Messenger wire	diameter	1.0 or 1.2mm
Outer sheath	material	LSZH
	diameter	1.8±0.2mm
Cable size (Height * width)		2.0(±0.1) mm × 5(+0.2)mm

Cable sheath thickness	Max.0.8mm/Min.0.4mm
Messenger sheath thickness	0.5~0.7mm
Cable weight	22KG±1KG

6. Out sheath is black.

7. Cable Mechanical characteristic

Items		Description
Installation Temperature range		-20--+60°C
Operation and transport temperature		-40-+70°C
Min Bending Radius(mm)	Long term	15D
	short term	30D
Allowable Tensile Strength(N)	Long term	300
	short term	600
Crush Load (N/100mm)	Long term	1000
	short term	2200