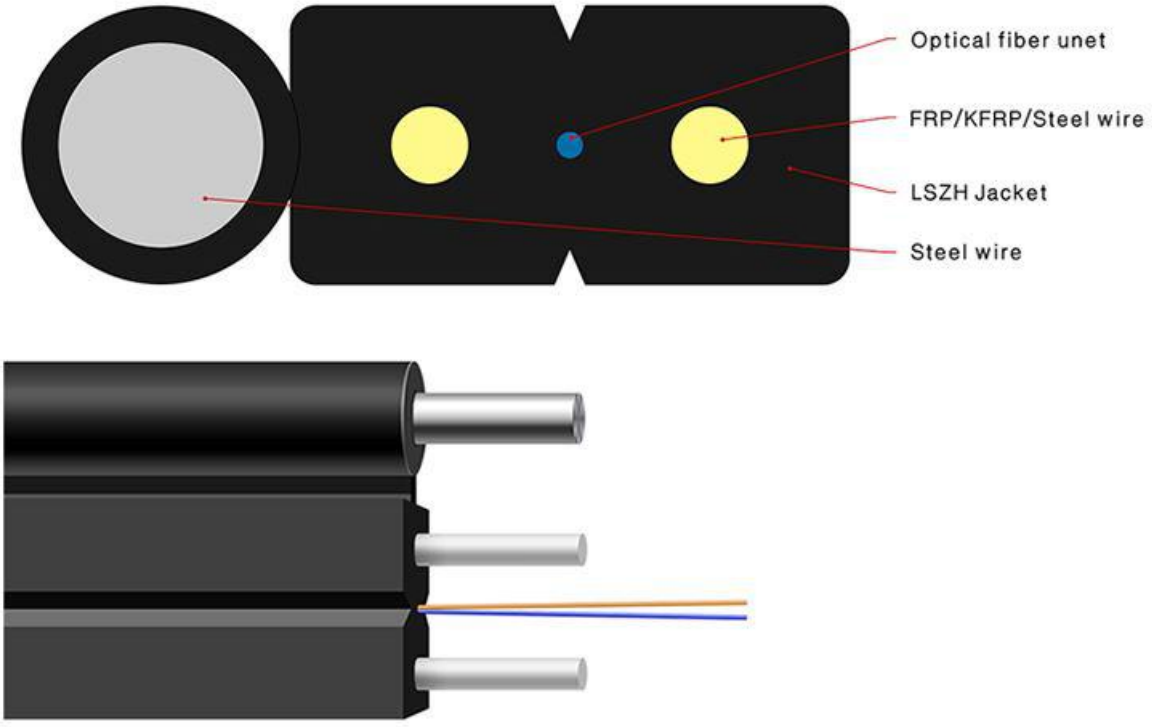
Aerial G657A FRP KFRP Steel Wire 6 Core FTTH Drop Cable

Most of the sheathed fiber optic cables are single-core or double-core structures, and can also be made into a four-core structure. The cross-section is an 8-shaped cross-section. The reinforcement is located at the center of the two circles. The metal or non-metallic structure can be used. The optical fiber is located at the geometric center of the 8-shaped geometry. G.657 small bending radius optical fiber is used for the optical fiber in the sheathed cable, which can be laid with a bending radius of 20mm, which is suitable for entering the house in the way of the pipeline or the wire in the building.

The disc-shaped optical cable for access network (for indoor wiring) is to place the optical communication unit (optical fiber) in the center, two parallel non-metallic reinforcements (FRP) or metal reinforcements placed on both sides, and finally, extruded black or colored polymer Made of vinyl chloride (PVC) or low-smoke halogen-free material (LSZH, low-smoke, halogen-free, flame retardant).



Place of Origin:

Shenzhen, China

Brand Name: OPTICO

Model Number: FTTH drop cable

Type: Outdoor Aerial

Fiber: Single mode G657A1

No. of Fiber: 6

Use: Fiber to the home (FTTH)

Name: Aerial G657A FRP KFRP Steel wire 1 2 4 6 8 10 core FTTH drop cable

Dimension: 2.0*5.0 mm

Strength member: steel wire/FRP/KFRP

Operating temperature: -40 to +70°C

Packing: 2km/roll

Certificate: ISO9001, SGS, ROHS

Application: FTTX/FTTA

Jacket material: LSZH, LSZH, PE

Jacket color: Black, White

Supply Ability: 6000000 Meter/Meters per Month 1 2 4 6 8 10 core FTTH drop cable

The optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (FRP) or steel wires 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.

Features:

Two parallel FRP strangth members ensuregood performance of crush resistance to protect the fiber;

Simple structure ,light weight and high practicability;

Novel flute desig,easily strip and splice ,simplify the installation and maintenance;

Low smoke zero halogen and flame reardant sheath;

Special bending-resistant optical fiber, providing greater bandwidth and enhancing network transmission performance;

Two parallel FRP or metal reinforcements make the optical cable have good pressure resistance and protect the optical fiber;

The optical cable has simple structure, light weight and strong practicability;

Unique groove design, easy to peel, easy to connect, simplify installation and maintenance;

Low-smoke halogen-free flame-retardant polyethylene sheath or flame-retardant PVC sheath, environmental protection.

It can be matched with a variety of on-site connectors and can be completed on-site.

Because of its softness and lightness, the optical fiber cable is widely used in the access network; the scientific name of the optical fiber cable: the butterfly cable introduced into the access network; because of its butterfly shape, it is also known as the butterfly cable, Figure 8 fiber optic cable.

Applications:

Used for outdoor wiring, directly used by end users;

Used for introducing optical cables in buildings;

For outdoor wiring of users in FTTH.

Method Entry House:

User outdoor wiring

Vertical and horizontal wiring in the building

Self-supporting overhead indoor wiring

Piping outdoor wiring

Specifications:

Items		Description
Number of fiber		1cores
Fiber type		G657A
Strength member	material	Steel wire/FRP/KFRP
diameter	2*(0.5~0.8)mm	
Self support	material	Steel wire
Messenger wire	diameter	1.0mm
Outer sheath	material	LSZH
diameter	1.8±0.2mm	
Cable size (Height * width)		2.0(±0.1) mm × 5.2(±0.2)mm
Cable sheath thickness		Max. 0.8mm/Min. 0.4mm
Messenger sheath thickness		0.5~0.7mm
Cable weight		22KG±1KG

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

Certificates:

CE

CPR

ISO

RoHS

Factory Workshop:

Keywords: FTTH drop cable, aerial self-support, fiber to the home cable