

# SUMMIT TELECOM

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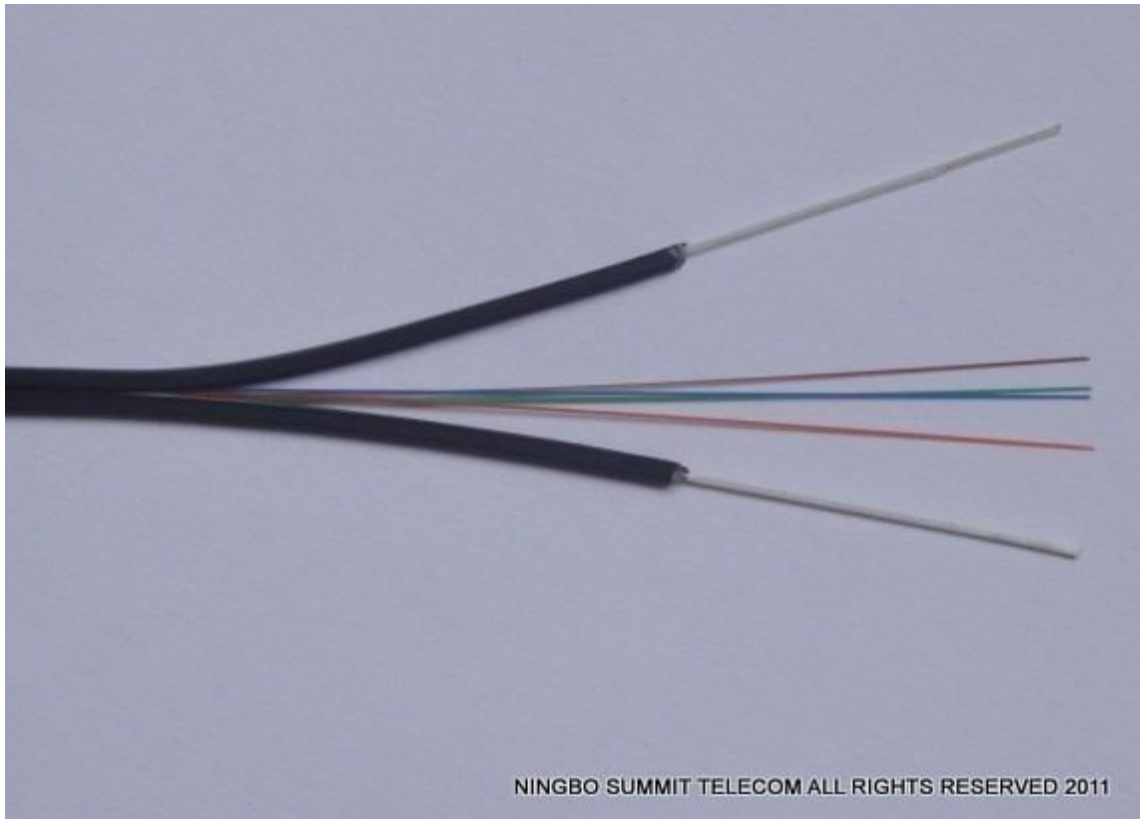
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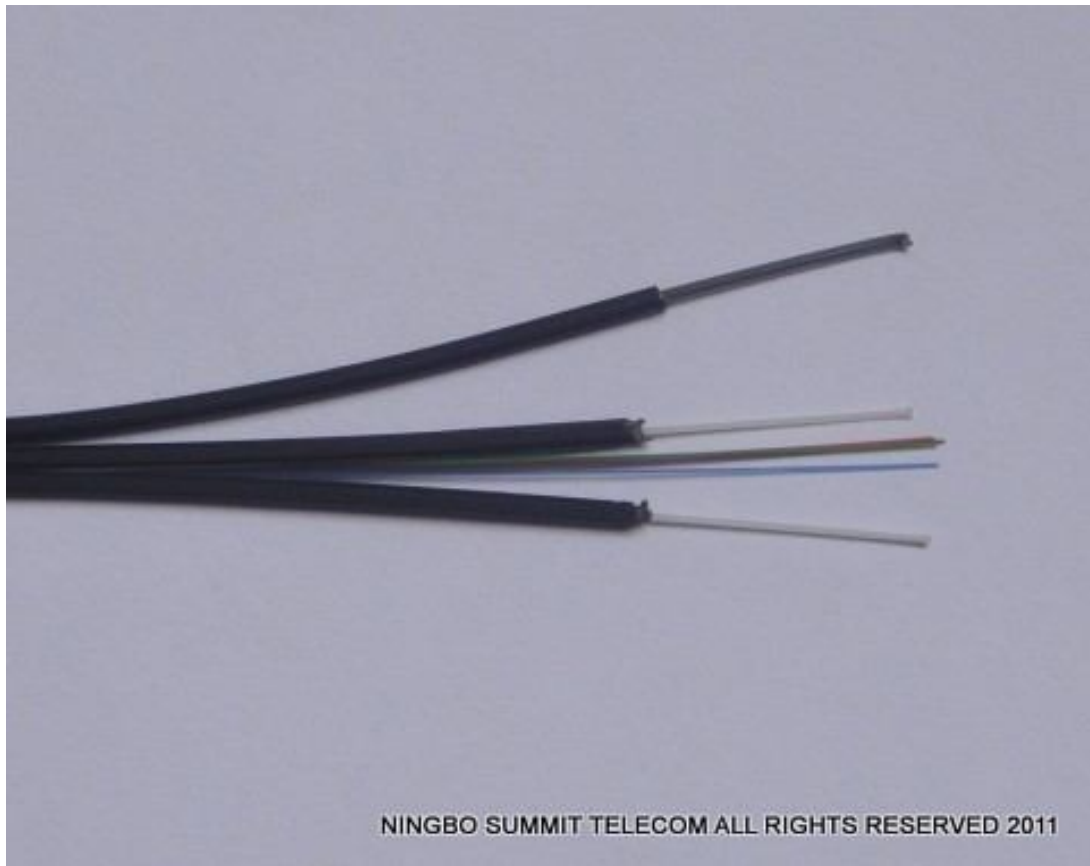
**FTTH Fast Connector and Mechanical Splicer**

**Item Code: STFTTHDC**

**FTTH Drop Cable 1 Core/2 Core/4 Core/6 Core**



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We are China leading manufacturer for FTTH Drop Cable 1 Core/2 Core/4 Core/6 Core, which is applicable to FTTH construction with easy operation.

**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 centre. Two parallel Fiber Reinforced Plastics (FRP) 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 or color LSZH sheath.

**Features:**

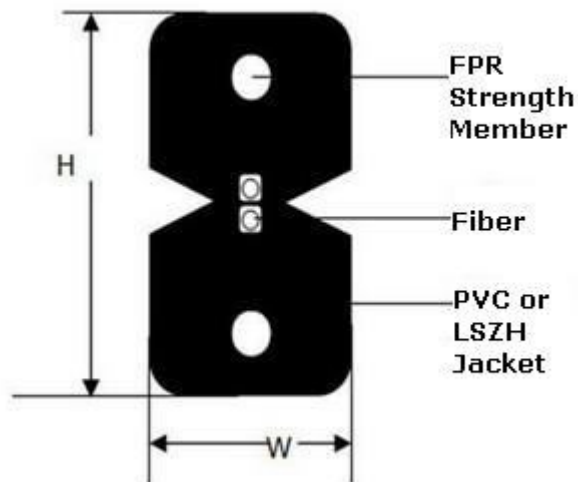
- Soft Flexible, easy to splice and with big capacity of data transmission.
- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property
- Two parallel strength members ensuring good performance of crush resistance to protect the fiber
- Single steel wire as the additional strength member ensure good performance of tensile strength
- Simple structure, light weight and high practicability, low purchasing and construction cost

- Novel flute design, easily strip and splice, simplify the installation and maintenance
- Low smoke, zero halogen and flame retardant sheath.
- The tube type has waterproof materials to prevent moisture and rain erosion.
- good looking, good resistance for pulling, and easy for maintenance.

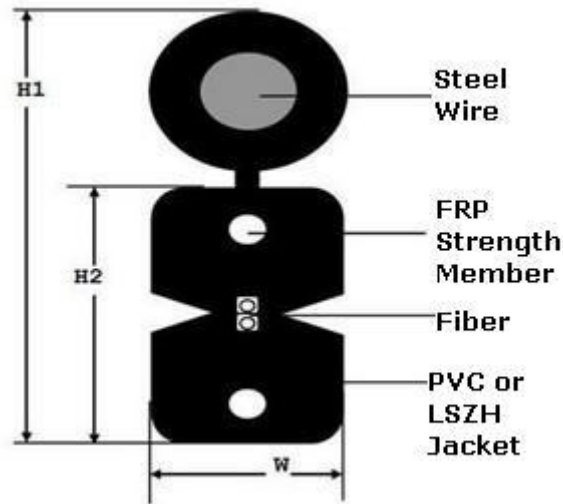
### Applications

- Used in indoor cabling, especially for FTTH
- Use as building access cable
- High speed optical routes in buildings (FTTx)
- High performance optical network operating in O-E-S-C-L band
- Application in L band (1565-1625nm)

### Indoor Type



### Outdoor Type



**Technical Specifications:**

**Geometrical Characteristics:**

<b>Fiber Core</b>	1	2	1	4
<b>Cable Dimension(mm)</b>	2.0×5.0	2.0×5.0	2.0×5.6	2.0×5.6
<b>Cable Weight(kg/km)</b>	20	20	21	22

**Mechanical Characteristics:**

<b>Max Load (N)</b>	<b>Long Term</b>	60	60	60	60
	<b>Short Term</b>	120	120	120	120
<b>Bending Radius(CM)</b>	<b>Dynamic</b>	30			
	<b>Static</b>	15			

**Fiber:**

<b>Fiber Type(core/cladding dimension)</b>	G657
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**Transmission Characteristics:**

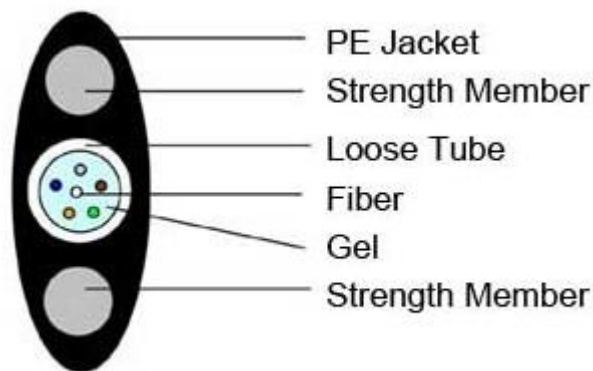
<b>Fiber Mode</b>	SMF
<b>Wavelength</b>	1310/1550(nm)
<b>Max Attenuation (dB/km)</b>	0.45/0.30
<b>AVG Attenuation (dB/km)</b>	0.40/0.25
<b>Minimum Bandwidth (MHz·km)</b>	-----

**Environmental Characteristics:**

<b>Storage Operating Temperature (°C)</b>	-20 ~ +60
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**Ordering Information:**

<b>Fiber Cores</b>	1, 2 or 4
<b>Jacket</b>	PVC or LSZH
<b>Wire</b>	Wire (FRP or KFRP) or None wire



**6 FIBERS FTTH DROP FIBER CABLE**

Item		Description
<b>Fiber Core</b>		4,6,8,10,12,14,16,18,20,22,24
<b>Cable Outer Diameter (mm)</b>		4.5×8.2
<b>Strength Member</b>		FRP or KFRP
<b>Jacket Color</b>		Black
<b>Jacket Material</b>		PE
<b>Tensile Strength (N)</b>	<b>Long term</b>	600
	<b>Short term</b>	1200
<b>Crush Resistance (N/100mm)</b>	<b>Long term</b>	400
	<b>Short term</b>	1000
<b>Minimum Bending Radius (mm)</b>	<b>Dynamic</b>	20×D (D: Cable Diameter)
	<b>Static</b>	10×D (D: Cable Diameter)
<b>Attenuation (dB/km)</b>	<b>SM</b>	@1310nm ≤0.4
		@1550nm ≤0.3
<b>Temperature (°C)</b>		-40 ~ +60

**Order Information:**

1 Core FTTH Drop Cable-- STFTTHDC-1C

- 2 Core FTTH Drop Cable-- STFTTHDC-2C
- 4 Core FTTH Drop Cable-- STFTTHDC-4C
- 6 Core FTTH Drop Cable-- STFTTHDC-6C