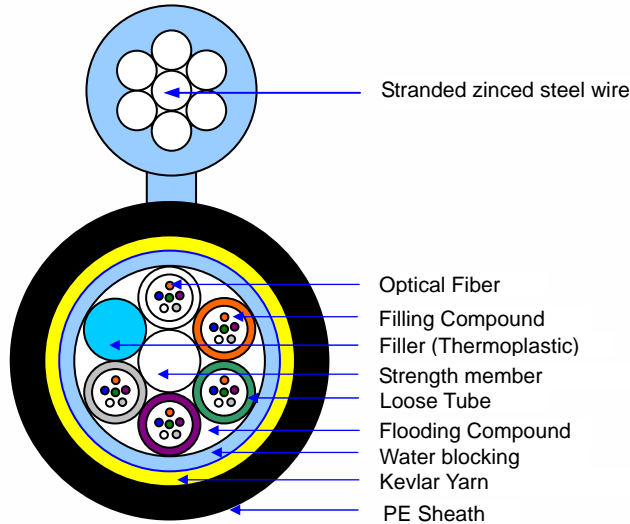
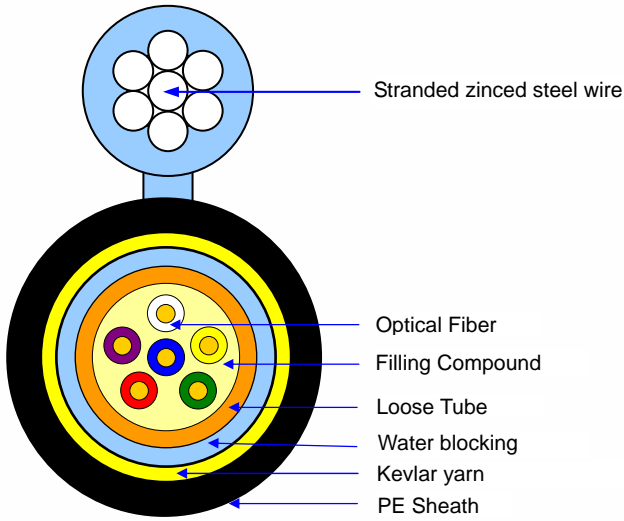




# Fiber Optical Cable

Self-Supporting Type



## Product Description

1. The properties of optical fiber is conformed to the ITU-T , CCITT, IEC, America REA etc. international standard.
2. Single mode (SM) and multi-mode (MM) are chosen.
3. Number of fiber is up to 144 cords.
4. Non-metallic optical fiber cable is not interfered by electromagnetism and electricity.
5. Armoured type is prevented to bite by mouse.
6. Low smoke free halogen (LSFH) sheath Available.

## Application:

1. Suitable for subscriber loop, junction, long-haul communication.

## Diameter and Weight

Construction	Number of fiber of each tube	Number of tube	Diameter(mm)	Weight (kg/km)
Central tube type	2-12	1	9.5×18.3	218
Stranded loose tube type	8-12	2	9.5×18.3	218
	14-18	3	9.5×18.3	218
	20-24	4	9.5×18.3	218
	26-30	5	9.5×18.3	218

## Specification and Properties

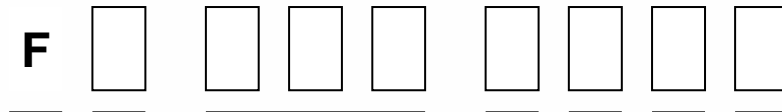
Tensile Strength (Long/Short Term)	600/1500 N
Crush Resistance (Long/Short Term)	300/1000 N/100m
Bending Radius (Static/Dynamic)	10D/20D mm
Attenuation(dB/km) 20°C	3.0 (850nm)
	1.0 (1300nm)
Bandwidth (Class A) (MHz-km)	200 (850nm)
	600 (1300nm)
Numerical Aperture	0.275±0.015NA
Operating Temperature	-40°C ~ +70°C



# Fiber Optical Cable

Self-Supporting Type

## Description of Purchase Cord



**Cable Type**

F Self-Supporting type

**Construction**

- 1 Central Tube Type
- 2 Stranded loose tube type

**Number of Fiber**

002~144cores

**Fiber Type**

- S 9/125um single mode (SM)
- G 50/125um GI multi-mode (MM)
- M 62.5/125um GI multi-mode (MM)

**Maximum Attenuation (dB/km)**

**SM: (1310/1550um)**

- 1 0.4/0.3dB/km
- 2 0.5/0.35dB/km

**50/125um GI MM: (850/1330um)**

- A 3.0/1.0dB/km, Band-width > 400/800MHz-km
- C 3.5/1.2dB/km, Band-width > 400/800MHz-km

**62.5/125um GI MM: (850/1330um)**

- B 3.5/1.0dB/km, Band-width > 200/500MHz-km
- D 4.0/1.2dB/km, Band-width > 160/400MHz-km

**Strength Member Type**

- S Zinced Steel + PE jacket
- F FRP rod + PE jacket
- SL Zinced Steel + LSFH jacket
- FL FRP rod + LSFH jacket

**Number of Tube**

001~144