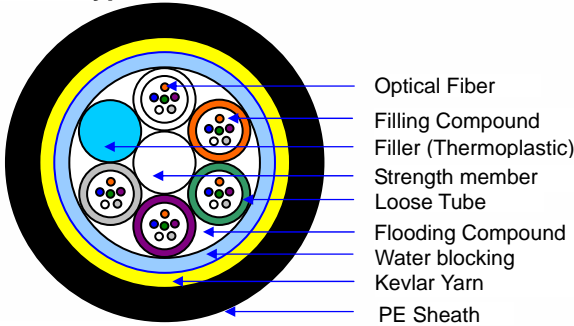




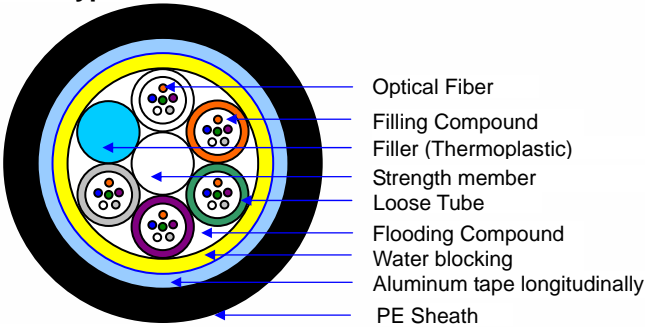
Fiber Optical Cable

Stranded Loose Tube Type

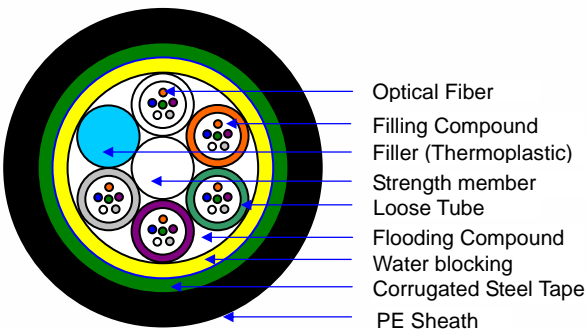
GYFSTY Type



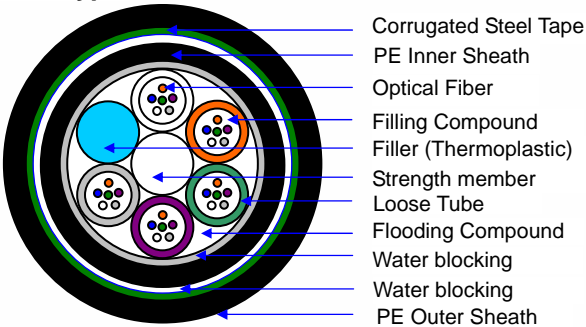
GYSTA Type



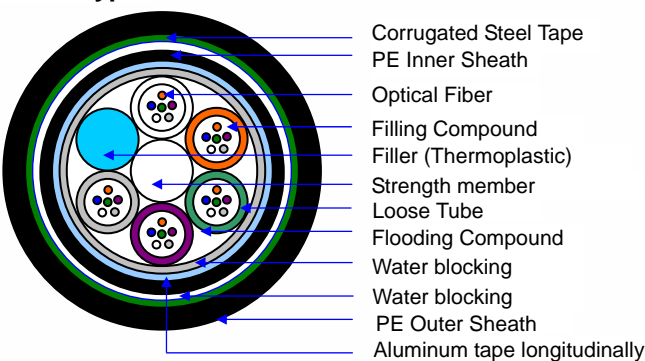
GYSTS Type



GYSTY Type



GYSTAA 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:

Type	Application
GYFSTY	Apply for thunderbolt and magnetic field, intended for aerial.
GYSTA	Moistureproof, suitable installed for duct.
GYSTS	Light armoured suitable installed for aerial.
GYSTY	Waterproof, impact resistance intended for duct, aerial.
GYSTAA	Waterproof, impact resistance intended for direct buried.



Fiber Optical Cable

Stranded Loose Tube Type

Construction

Type	GYFSTY	GYSTA	GYSTS	GYSTY	GYSTAA
Number of Fiber	2-144	2-144	2-144	2-144	2-144
Outer Diameter (mm)	12-16	12.5-20	13-20	14.6-20	16-24
Number of steelxDiameter (mm)	NO	1x2.2 1x2.5 OR 7x0.84 7x1	1x2.2 1x2.5 OR 7x0.84 7x1	1x2.2 1x2.5 OR 7x0.8 4.7x1	1x2.2 1x2.5 OR 7x0.8 4.7x1
Weight (kg/km)	120-200	180-400	220-440	280-400	300-600

Properties

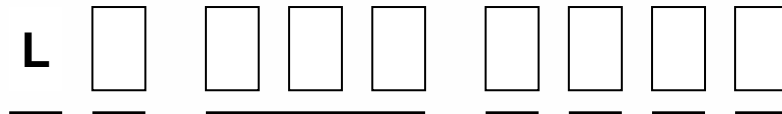
Type	GYFSTY	GYSTA	GYSTS	GYSTY	GYSTAA
Pull Resistance (N)	≥1500	≥1500	≥1500	≥3000	≥3000
Impact Resistance (N/100mm)	≥600	≥1000	≥1000	≥3000	≥3000
Rush Resistance	5N.m×5 times	5N.m×5 times	5N.m×5 times	10N.m×10 times	10N.m×10 times
Flex Resistance (Dynamic)	25 times of cable diameter	25 times of cable diameter	25 times of cable diameter	25 times of cable diameter	25 times of cable diameter
Operating Temperature	In -40 ~ +60°C Wasting ≤0.1dB/2km	In -40 ~ +60°C Wasting ≤0.1dB/2km	In -40 ~ +60°C Wasting ≤0.1dB/2km	In -40 ~ +60°C Wasting ≤0.1dB/2km	In -40 ~ +60°C Wasting ≤0.1dB/2km



Fiber Optical Cable

Stranded Loose Tube Type

Description of Purchase Cord



Cable Type

L Stranded Loose-tube type

Construction

- 1 GYFSTY Type
- 2 GYSTA Type
- 3 GYSTS Type
- 4 GYSTY Type
- 5 GYSTAA 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