

Description

Loose tube style, optical fiber cable with non-metallic central strength member of FRP and peripheral strength members with moisture barrier inner sheath. Cable protected by black PE over sheath, suitable for duct or aerial application. Tubes contain optical single-mode or multimode fibers color coding scheme.

Fiber color code

Fiber color in each tube starts from No. 1 Blue.

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Purple	Pink	Aqua

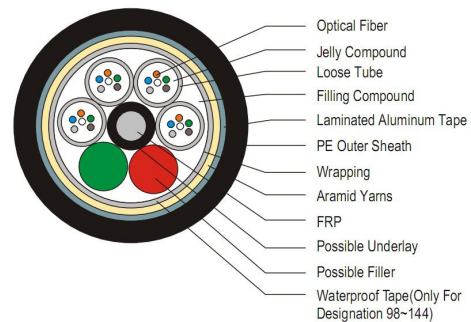
Color codes for loose tube & filler rod

Tube color starts from No. 1 Blue. If there are fillers, the color is nature.

1	2	3	4	5	6	7	8
Blue	Orange	Green	Brown	Gray	White	Red	Black

Applications

- Usable in Duct or Aerial
- Long-haul communication system
- Junction communication system
- Subscriber network systems
- Local area network systems



Dimensional Characteristics

Model	Max. number of fibers per tube	Steel wire/ stand Diameter (mm)	Stranded units	Nominal cable diameter (mm)	Nominal cable weight (kg/km)
GYFTA-2-36	6	2.3	6	11.3	112
GYFTA-38-72	12	2.8	6	12.8	144
GYFTA-74-96	12	2.8	8	14.8	179
GYFTA-98-120	12	2.8	10	16.7	225
GYFTA-122-144	12	2.8	12	18.7	279

Mechanical & Environmental Characteristics

Item	Characteristics	
	GYFTA-2-72	GYFTA-74-144
Tensile Strength	1500N	3000N
Crush Resistance	1000N/100mm	
During Installation	20 Times Cable Diameter	
After Installation	10 Times Cable Diameter	
Storage Temperature	-50°C to +70°C	
Operating Temperature	-40°C to +60°C	

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