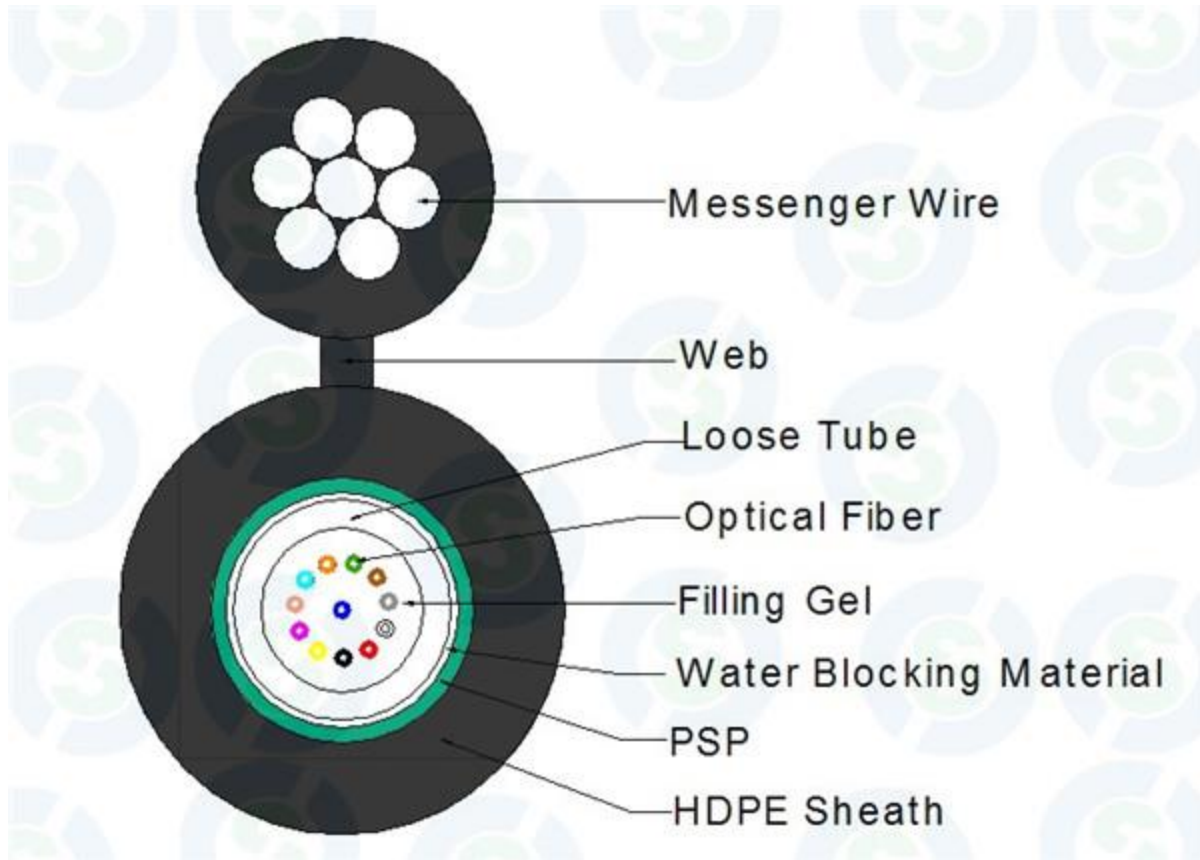


GYXTC8S Cable



Fiber Optic Cable

Self-Supporting Aerial Application

Type: Figure 8 GYXTC8S

Cores: 2~24 Cores

Fibers: G652D, G655, G657, A1a(50/125), A1b(62.5/125), OM3

Description:

The fibres, either of single-mode or multimode type, are placed in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound. After PSP is applied around the cable core, this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene (PE) sheath to be figure 8 structure. This kind of cable is specifically applied for self-supporting aerial installation.

Characteristics:

1. Accurate fiber excess length ensure a good performance of tensile strength and temperature.

2. High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fiber.

3. The following measures are taken to ensure the cable watertight:

Loose tube filling compound

100% cable core filling

PSP enhancing moisture-proof

4. Fiber Color Code

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua
No.	13	14	15	16	17	18
Color	Blue+R	Orange+R	Green+R	Brown+R	Gray+R	White+R
No.	19	20	21	22	23	24
Color	Red+R	Natural+R	Yellow+R	Violet+R	Pink+R	Aqua+R

* "R" means ring mark.

5. Cable structure and parameter

Fiber count		2~12	14~24
Max. Cores in tube		12	24
Cable diameter		7.0	7.8
Tensile strength(N)		(3KN~5KN) According to the demand of design	
Crush resistance (N/100mm)	Long term	300	
	Short term	1000	
Bending radius	Dynamic	20×D	
	Static	10×D	
Storing temperature		-40°C to +70°C	
Operating temperature		-40°C to +70°C	

GYFTC8Y Cable



Fiber Optic Cable

Self-Supporting Aerial Application

Type: Figure 8 GYFTC8Y

Cores: 2~144 Cores

Fibers: G652D, G655, G657, A1a(50/125),A1b(62.5/125),OM3

Description:

The fibers, either of single-mode or multimode type, are placed in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound. A FRP locates in the center of core as a metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular cable core. After water blocking tape is applied around the cable core, this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene (PE) sheath to be figure 8 structure. This kind of cable is specifically applied for self-supporting aerial installation.

Characteristics:

1. Accurate fiber excess length ensure a good performance of tensile strength and temperature.

2. High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fiber.

3. The following measures are taken to ensure the cable watertight:

Fiber Reinforced Plastics(FRP) as the central strength member

Loose tube filling compound

100% cable core filling

Water blocking tape used

4. Color Code

No	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Slate	White
No	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

5. Cable structure and parameter

Fiber count	2~30	32~36	36~60	62~72	~144
Max. Cores in tube	6	6	12	12	12
Element number	5	6	5	6	~12
Cable diameter	9.4	9.9	10.1	10.7	~15.1
Tensile strength(N)	(5KN~10KN) According to the demand of design				
Crush resistance (N/100mm)	Long term	300			
	Short term	1000			
Bending radius	Dynamic	20×D			
	Static	10×D			
Storing temperature	-40°C to +70°C				
Operating temperature	-40°C to +70°C				

GYTC8Y Cable



Fiber Optic Cable

Self-Supporting Aerial Application

Type: Figure 8 GYTC8Y

Cores: 2~144 Cores

Fibers: G652D, G655, G657, A1a(50/125),A1b(62.5/125),OM3

Description:

The fibers, either of single-mode or multimode type, are placed in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire locates in the center of core as a metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular cable core. After water blocking tape is applied around the cable core, this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene (PE) sheath to be figure 8 structure. This kind of cable is specifically applied for self-supporting aerial installation.

Characteristics:

1. Accurate fiber excess length ensure a good performance of tensile strength and temperature.
2. High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fiber.
3. The following measures are taken to ensure the cable watertight:

Steel wire as the central strength member

Loose tube filling compound

100% cable core filling

Water blocking tape used

4. Color Code

No	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Slate	White
No	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

5. Cable structure and parameter

Fiber count	2~30	32~60	62~72	~144
Max. Cores in tube	6	12	12	12
Element number	5	5	6	~12
Cable diameter	9.4	10.1	10.7	~15.1
Tensile strength(N)	(5KN~10KN) According to the demand of design			
Crush resistance (N/100mm)	Long term	300		
	Short term	1000		
Bending radius	Dynamic	20xD		
	Static	10xD		
Storing temperature	-40°C to +70°C			
Operating temperature	-40°C to +70°C			