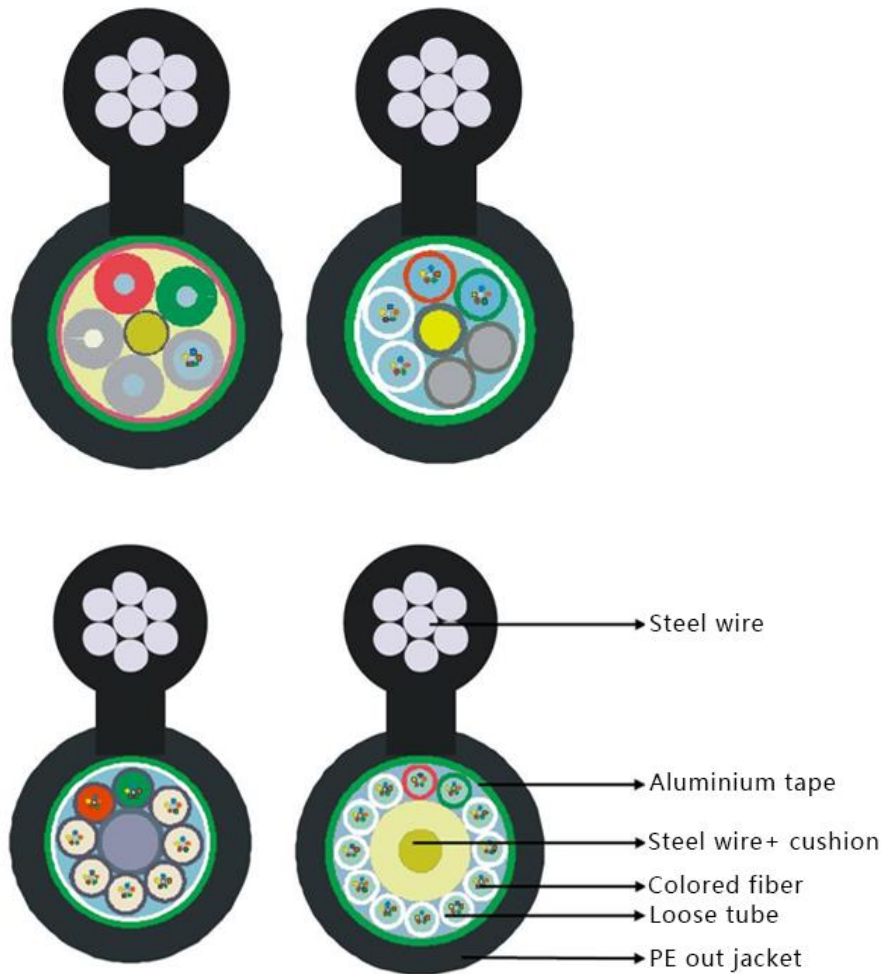


Optical Fiber Cable



MODEL : GYTC8A PE Jacket

For detailed inquiry
please contact our
sales team at:

market@jfopt.com

- **Form one single mode fiber**

Item	Unit	Specification
Attenuation	dB/km	1310nm ≤ 0.4 1550nm ≤ 0.3
Dispersion	Ps/nm.km	1285~1330nm ≤ 3.5 1550nm ≤ 18.0
Zero dispersion wavelength	Nm	1300~1324
Zero dispersion slope	Ps/nm.km	≤ 0.095
Fiber cutoff wavelength	Nm	≤ 1260
Mode field diameter	Um	9.2±0.5
Mode field concentricity	Um	≤ 0.8
Cladding diameter	Um	125±1.0
Cladding non-circularity	%	≤ 1.0
Coating/cladding concentricity error	Um	≤ 12.5
Coating diameter	Um	245±1.0
bending,dependence attenuation	1550nm,1turns,32mm diameter,100turns,60mm diameter	≤ 0.5 db
Proof test	kpsi	≥ 100

- **Form two single mode fiber**

Item	Unit	Specification
Attenuation	dB/km	850nm ≤ 3.5 1300nm ≤ 1.5
Bandwidth	MHz·km	50/125um 62.5/125 um 850 nm ≥ 200 850 nm ≥ 160 1300 nm ≥ 200 1300 nm ≥ 200
Cladding diameter	Nm	125±1.0
Cladding non-circularity	%	≤ 1.0
Coating/cladding concentricity error	Nm	≤ 12.5
Coating diameter	Um	245±1.0
bending,dependence attenuation	850nm,1300nm,100turns,75mm, diameter	≤ 0.5 at 850 nm\1300 nm
Proof test	kpsi	≥ 100

● Each requirement

- ◆ UV colored fiber
- ◆ loose tube 2----12 core inside Φ2.15 ±0.15 mm
- ◆ central strength member Steel wire
- ◆ Water barrier
- ◆ Aluminium tape
- ◆ Coated steel tape + PE out jacket

● Application:

Model	Fiber acco unt	OD(mm)	CABLE HELGHT (mm)	Tube account	Nomina l Weight(kg/km)	Max.Tension(N)		Max.Crushing Resistance(N/100)	
						Short- term	Long- term	Shor t- term	Long - term
GYTC8 A	2-60	11.0 ±0.5	21.0±0.5	5	98	1500	600	1000	300
GYTC8 A	62- 72	12.0 ±0.5	22.0±0.5	6	125	2000	600	1000	300
GYTC8 A	74- 96	14.0 ±0.5	24.0±0.5	8	152	2000	600	1000	300
GYTC8 A	98- 120	15.5 ±0.5	25.5±0.5						
GYTC8 A	122- 144	16.5 ±0.5	26.5±0.5	12	208	2000	800	1000	300

● **Tactic rule for loose tube and fiber:**

Fiber	Number of Loose Tube											
Fiber Account	1 Red	2 Green	3 Nature	4 Nature	5 Nature	6 Nature	7 Nature	8 Nature	9 Nature	10 Nature	11 Nature	12 Nature
2-12	Filler	Filler	Filler	Filler	Tube							
14-24	Filler	Filler	Filler	Tube	Tube							
26-36	Filler	Filler	Tube	Tube	Tube							
38-48	Filler	Tube	Tube	Tube	Tube							
50-60	Tube	Tube	Tube	Tube	Tube							
62-72	Tube	Tube	Tube	Tube	Tube	Tube						
74-84	Filler	Tube	Tube	Tube	Tube	Tube	Tube	Tube				
86-96	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube				
98-108	Filler	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube		
110-120	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube		
122-132	Filler	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube
134-144	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube	Tube

● **Temperature range:**

◆ **Storage or transportation: -40~70 °C**

◆ **Operation: -40~70 °C**

● **Package and shipping mark:**

- ◆ Printing at out jacket of optical cable
- ◆ White color printing words at each meter distance, standard printing content as following ,also can match the customer
- ◆ require for the printing content
 - Meter mark
 - Style of optical cable and fiber account
 - Manufacturer name
 - Manufacture date

- ◆ Package of optical cable
- ◆ Standard length is 1KM ,other length can negotiate
- ◆ Can be packed in wooden drum or plywood drum
- ◆ The end face of optical cable will using plastic cap or adhesive tape sealed as water-proof
- ◆ Using batten totally sealed and fixed by steel tape
- ◆ The end of optical cable will be fixed into the wooden drum in order to prevent the lost during transportation process.

Wooden drum

Label will be stucked at wooden drum, content as following

- ◆ Style of optical cable and fiber account
- ◆ Length
- ◆ Gross weight KGS
- ◆ Total drums amount
- ◆ Manufacture date
- ◆ The following information also will be exposed at the wooden drum
 - Rolling direction
 - Optical cable rolling tightly with the wooden drum, in order to prevent it will be broken during transportation process