

# Outdoor Optical Cable

GYFTY



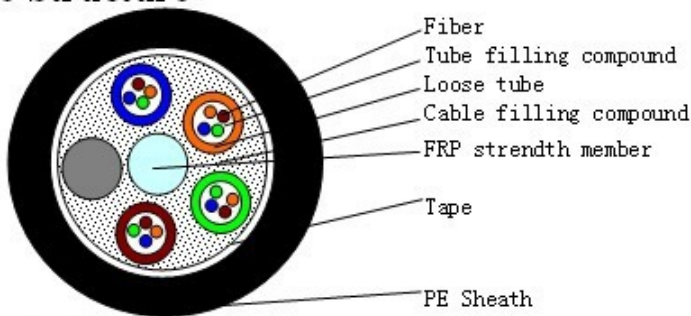
## Application:

- Duct/Aerial

## Description

The fibers, 250um, are positioned in a loose tube made of a high modulus plastic, the tubes are filled with a water resistant filling compound. A Fiber Reinforced plastic FRP locates in the center of core as a non-metallic strength member into a compact and circular core. After the cable core is filled with the filling compound to protect it from water ingress, the cable is completed with a PE sheath.

## Cable Structure



## Technical Parameters

Cable Code	Fiber Count	Cable Size (mm)	Cable Weight (kg/km)	Tensile (N)		Crush (N/100mm)		Crush Resistance (mm)		Range of Temperature (°C)
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
TP-GYFTY-12	12	10.0	85	600	1500	300	1000	20D	10D	-40~+70
TP-GYFTY-24	24	10.0	87	600	1500	300	1000	20D	10D	
TP-GYFTY-36	36	10.0	89	600	1500	300	1000	20D	10D	
TP-GYFTY-48	48	10.0	91	600	1500	300	1000	20D	10D	
TP-GYFTY-96	96	12.0	103	600	1500	300	1000	20D	10D	
TP-GYFTY-144	144	13.5	120	600	1500	300	1000	20D	10D	

Fiber Type	G652D	50/125	62.5/125	G657A1	G657A2	OM3-150	OM3-300	OM4
Jacket Material	PE		LSZH					

### Characteristics:

- ◆ Good mechanical and temperature performance
- ◆ Crush resistance and flexibility
- ◆ Loose tube filling compound
- ◆ 100% cable core filling