

# Outdoor Optical Cable

GYXTC8Y



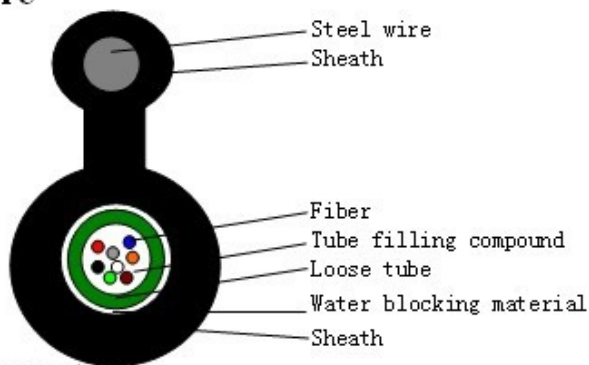
## Application:

- Self-supporting

## 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, Loose tube jacket into a layer of water -blocking material, 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

## 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-GYXTC8Y-04	4	4.0x7.0X13	65	600	1500	300	1000	20D	10D	-40~+70
TP-GYXTC8Y-06	6	4.0x7.0X13	67	600	1500	300	1000	20D	10D	
TP-GYXTC8Y-08	8	4.0x7.0X13	70	600	1500	300	1000	20D	10D	
TP-GYXTC8Y-12	12	4.0x7.0X13	75	600	1500	300	1000	20D	10D	
TP-GYXTC8Y-24	24	4.0x7.0X13	80	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
- ◆ High tensile strength of stranded wires meet the requirement of self-supporting and reduce the installation cost