

Outdoor Optical Cable

GYTC8S



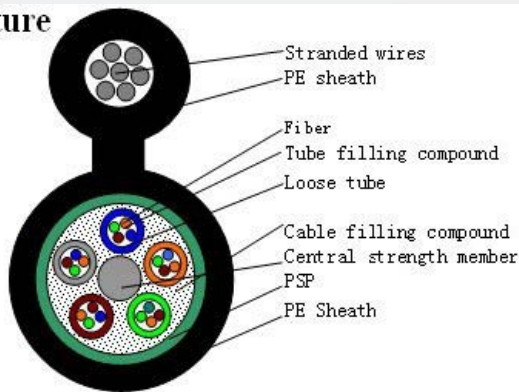
Application:

- 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, A steel wire locates in the center of core as a metallic strangled around the strength member into polyethylene laminate APL moisture barrier 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

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 -GYTC8S-12	12	6.5x10.5x20	215	600	1500	300	1000	20D	10D	-40~+70
TP -GYTC8S-24	24	6.5x10.5x20	220	600	1500	300	1000	20D	10D	
TP -GYTC8S-36	36	6.5x10.5x20	215	600	1500	300	1000	20D	10D	
TP -GYTC8S-48	48	6.5x10.5x20	220	600	1500	300	1000	20D	10D	
TP -GYTC8S-96	96	6.5x10.5x20	240	600	1500	300	1000	20D	10D	
TP -GYTC8S-144	144	6.5x10.5x20	260	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										