



# Gel-Filled Loose Tube Self Support Aerial Cable

(Figure-8; Steel Central Strength Member Steel/Aluminum/Steel/Non Tape Armored)

## GYTC8YA/S/Y -Aerial

- Phosphate or galvanized steel wire central strength member
- Loose tube stranded
- PE sheath
- Figure 8 self-supporting aerial cable



## Performance

### Application

- Long haul and building network communication

### Operating Temperature

- -40°C~+70°C

## Features and Benefits

### Water-blocking construction

Moisture-proof and prevents water penetration

### Special filling gel in loose tubes

Reduce or eliminate reflection losses and prevent water penetration

### Phosphate or galvanized steel wire as hanging member

Figure-8 self-supporting structure presents high tensile strength and enables easy and cost saving aerial installation

### Strict craft and raw material control enable

Lifespan over 30 years

### Note:

- Span within 50 meters, longer span available.
- For flame retardant cable, LSZH (Low-Smoke Zero Halogen) material is applicable to outer sheath and the type is GYTZC8YA
- Longitudinal color strip on outer sheath can be provided according to customer's requests. More details, please refer to GYFZA.

## Technical Specification

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Max Ribbon per Tube	No. of (Tubes + Fillers)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
					Short Term	Long Term	Short Term	Long Term
2~30	9.4x 17.4	156	6	5	7000	4000	1000	300
32~36	10.0x 18.0	170	6	6	7000	4000	1000	300
38~60	10.6x 18.6	175	12	5	7000	4000	1000	300
62~72	10.9x 19.0	185	12	6	7000	4000	1000	300
>72	Available upon customer's request							

\*Customized cable structure is available