



# Gel-Filled, Corrugated Steel/Aluminum Tape Armored Ribbon Cable

## GYDTA/S -Duct/ Aerial

- Phosphate or galvanized steel wire central strength member
- Loose tube stranded
- Corrugated steel tape armored double PE sheath

Central strength member		Filler (optional)
Fiber ribbon		Ripcord
Tube filling gel		Binder & Additional
Loose tube		Aluminum tap armor
Cable core filling compound		PE outer sheath

## Performance

### Application

- Access network (especial in FTTx), interoffice connection and CATV network

### 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 central strength member

High Corrosion resistance and Young's modulus

### High fiber density

Convenient installation and cost savings

### Strict craft and raw material control

Lifespan over 30 years

### Customized longitudinal color strip

Easy identification, packing and maintenance

### Fiber ribbon options

4-fiber ribbon 6-fiber ribbon, 8-fiber ribbon, 12-fiber ribbon

Note:

- If loose tube stranded fiber ribbon cable is armored with steel tape, the type is GYDTS
- For flame retardant cable, LSZH (Low-Smoke Zero Halogen) material is applicable to outer sheath and the type is GYDTZA, GYDTZS
- Longitudinal color strip on outer sheath can be provided according to customer's requests. More details, please refer to GYFZA.
- Customized cable structure is available

## 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
4-Fiber Ribbon	8-96	15.4	217	4	6	1500	600	1000	300
	12-120	15.6	220	4	5	1500	600	1000	300
6-Fiber Ribbon	126-144	16.3	226	6	4	1500	600	1000	300
	150-216	18.8	307	6	6	2200	600	1000	300
8-Fiber Ribbon	8-192	16.8	240	6	4	1500	600	1000	300
	200-288	19.7	320	6	6	2200	600	1000	300
	194-384	21.8	390	8	6	2200	600	1000	300
12-Fiber Ribbon	24-192	18.3	288	4	4	2200	600	1000	300
	207-288	19.5	320	6	4	2200	600	1000	300
	300-432	21.6	385	9	4	2200	600	1000	300
	444-600	24.0	450	10	5	2200	600	1000	300
	>600	Available upon customer's request							

\*Customized cable structure is available