

## Stranded Loose Tube Cable with Aluminum Tape and Steel Tape (Double Sheaths) (GYTA53)

### Description

In the GYTA53 cable, single-mode/multimode fibers are positioned in the loose tubes, the tubes are filled with water blocking filling compound. Tubes and fillers are stranded around the strength member into a circular cable core. An Aluminum Polyethylene Laminate (APL) is applied around the core. Which is filled with the filling compound to protect it. Then the cable is completed with a thin PE sheath. After PSP is applied over the inner sheath, the cable is completed with a PE outer sheath.

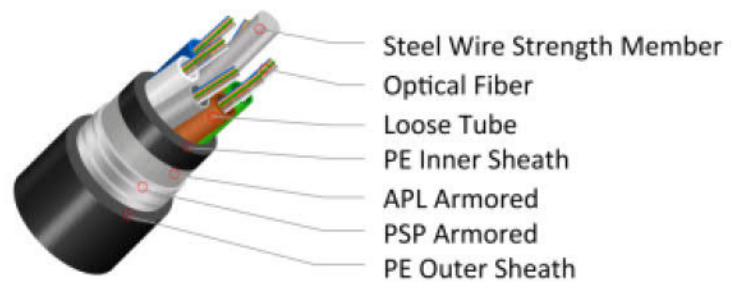
### Application

Direct buried

### Temperature Range

Operating 工作: -40°C to +70°C

Storage 储存: -40°C to +70°C



### Characteristics

The following measures are taken to ensure the water blocking performance of the cable:

1. Single steel wire used as the central strength Member
2. Special water-blocking filling compound in the loose tube
3. 100% cable core filling, APL and PSP moisture barrier

### Standards

Comply with stand YD/T 901-2009 as well as IEC 60794-1

### Technical Parameters

Cable Type (increased by 2 fibers)	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance	
					Long/Short Term N/100mm	Bending Radius Static/Dynamic mm
GYTA53 2 ~ 36	2 ~ 36	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53 38 ~ 72	38 ~ 72	15.3	229	1000/3000	1000/3000	10D/20D
GYTA53 74~96	74~96	15.9	244	1000/3000	1000/3000	10D/20D
GYTA53 98 ~120	98 ~120	18.0	288	1000/3000	1000/3000	10D/20D
GYTA53 122 ~144	122 ~144	19.2	325	1000/3000	1000/3000	10D/20D

## Stranded Loose Tube Cable with Steel Tape (Double Sheaths) (GYTY53)

### Description

In the GYTY53 cable, single-mode/multimode fibers are positioned in the loose tubes, the tubes are filled with water blocking filling compound. Tubes and fillers are stranded around the strength member into a circular cable core. Then the cable is completed with a PE sheath. Which is filled with the filling compound to protect it. After PSP is applied over the inner sheath, the cable is completed with a PE outer sheath.

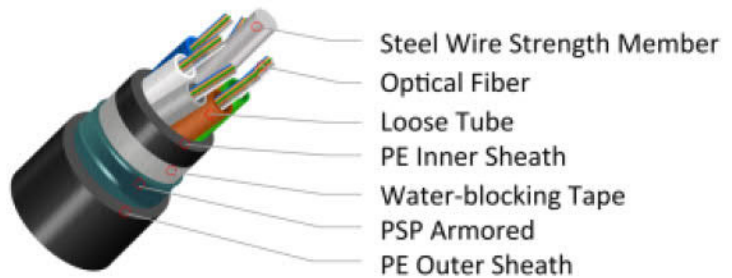
### Application

Direct buried

### Temperature Range

Operating 工作: -40°C to +70°C

Storage 储存: -40°C to +70°C



### Characteristics

The following measures are taken to ensure the water blocking performance of the cable:

1. Single steel wire used as the central strength Member
2. Special water-blocking filling compound in the loose tube
3. 100% cable core filling, APL and PSP moisture barrier

### Standards

Comply with stand YD/T 901-2009 as well as IEC 60794-1

### Technical Parameters

Cable Type (increased by 2 fibers)	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength	Crush Resistance	Bending Radius
				Long/Short Term N	Long/Short Term N/100mm	Static/Dynamic mm
GYTY53 2 ~ 36	2 ~ 36	6	12.6	184	1000/3000	1000/3000
GYTY53 38 ~ 72	38 ~ 72	12	14.0	216	1000/3000	1000/3000
GYTY53 74 ~ 96	74 ~ 96	12	15.7	260	1000/3000	1000/3000
GYTY53 98 ~ 120	98 ~ 120	12	17.4	301	1000/3000	1000/3000
GYTY53 122 ~ 144	122 ~ 144	12	19.0	354	1000/3000	1000/3000