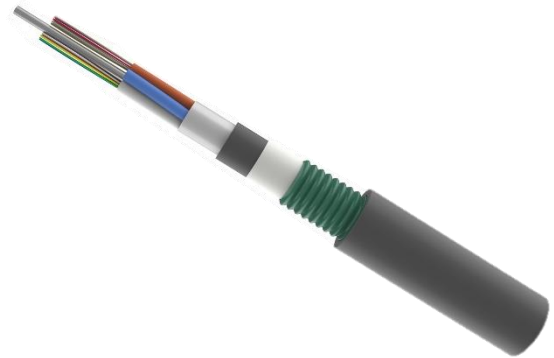


## GYTA53

### Metal Tape Armored Direct Buried Cable



#### Features

- ◆ Excellent mechanical and environmental performance
- ◆ Good water resistance performance
- ◆ Outer sheath resists solar radiation
- ◆ Gel-filled Loose tube protect the fiber well
- ◆ Good for mechanical test performance

#### Fiber & Tube Color Sequence (The color starts from No. 1 Blue.)

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

#### Cable Specification

1	Fiber	Up to 288, Gel-filled
2	Fiber Types	Single-mode or Multimode
3	Cable Constructions	S-Z Stranded loose tube
4	Strength Member	Steel wire
5	Sheath Options	Double PE Sheath
6	Armored	Aluminum tape and Steel tape
7	Operating Temperature	-40°C - 70°C
8	Compliances	In Accordance with IEC, ITU and EIA standards
9	Applications	Metal Tape Armored Direct Buried Cable

#### Fiber Transmission Performance

Cabled Optical fiber (dB/km)	OM1 (850nm/1300nm)	OM2 (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.655 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Typical value	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

#### Technical Specification (Remark: The above parameters are typical value; The cable spec can be designed according to customer's requirement.)

Fiber count	24	48	72	96	144
Tensile strength Short Term N	3000	3000	3000	3000	3000
Tensile strength Long Term N	1000	1000	1000	1000	1000
Crush Resistance Short Term N/100mm	3000	3000	3000	3000	3000
Crush Resistance Long Term N/100mm	1000	1000	1000	1000	1000
Min. bending radius (Dynamic)	25D	25D	25D	25D	25D
Min. bending radius (Static)	12.5D	12.5D	12.5D	12.5D	12.5D
Cable diameter (mm)	12.1	12.7	13.6	15	17.9
Cable weight (kg/km)	158	166	198	234	311

