

Ficient Int'l Co., Limited

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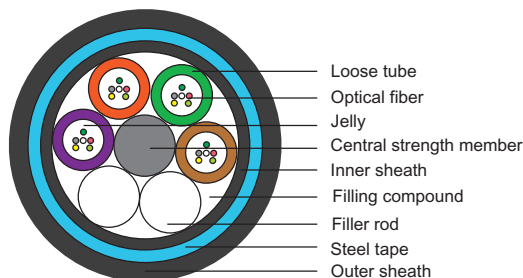
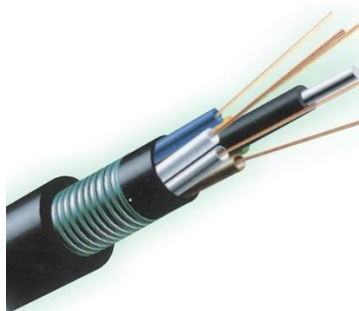
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Metal Tape Armored Direct buried cable(GYTY53)



Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Steel wire

Sheath Options: Double PE Sheath

Armored: Steel tape

Operating Temperature: -40°C - 70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance
- Good water resistance performance
- Outer sheath resist solar radiation
- Gel-filled Loose tube protect the fiber well
- Armored

Applications

Metal Tape Armored Direct buried Cable



Max. operating temperature



Min. operating temperature



Installation temperature Min 0°C



Direct buried



In conduit

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (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

Cable type	Maximum cores	Tensile Strength		Crush Resistance		Minimum bend radius		Cable diameter	Cable weight
		Short term	Long term	Short term	Long term	Dynamic	Static		
GYTY53	36	3000	1000	3000	1000	25D	12.5D	11.6	161
GYTY53	60	3000	1000	3000	1000	25D	12.5D	12.2	171
GYTY53	72	3000	1000	3000	1000	25D	12.5D	12.8	198
GYTY53	96	3000	1000	3000	1000	25D	12.5D	14.1	234
GYTY53	120	3000	1000	3000	1000	25D	12.5D	15.5	269
GYTY53	144	3000	1000	3000	1000	25D	12.5D	17.0	311

Remark : 1. D is the diameter of the cable ; 2. The above parameters are typical value ; 3. The cable spec can be designed according to customer's requirement.