

# Under Ground Fiber Cable GYTS53 Direct Buried Fiber Cable

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**Variants**

48 Cores 144 Core 432 Core 288 Core 24 Cores 96 Cores

**Details**

## Optical Fiber Cable – Technical Parameters

**Cable Specifications**

Item	Details	24 Core	48 Core	72 Core	96 Core	144 Core	288 Core
Fiber Count	Total Fibers	24	48	72	96	144	288
Loose Tube	Tube x Fibers	4x6	4x12	6x12	8x12	12x12	24x12
	Tube Diameter (mm)	1.9	2.4	2.4	2.4	2.4	2.4
Central Strength Member	Material	Phosphated Steel Wire					
	Diameter (mm)	2.0					
	Coated Diameter (mm)	-	2.6	2.6	4.2	7.4	4.8

Water Blocking	Material	Filling Compound					
Armor	Material	Corrugated Steel Tape					
Inner Sheath	Thickness	Nominal 1.0 mm					
Outer Sheath	Thickness	Nominal 2.0 mm					
Cable Diameter (mm)	Approx.	14.2	15.7	15.7	17.5	21.0	23.0
Weight (kg/km)	Approx.	230	265	265	305	390	460
Operating Temperature		-40°C to +70°C					
Tensile Strength (N)	Short / Long	3000 / 1000					
Crush Resistance	Short / Long	3000 / 1000 (N/100mm)					

Note: Fiber color and tube arrangement follow standard color coding. Custom configurations available on request.