Under Ground Fiber Cable GYTS53 Direct Buried Fiber Cable

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Variants

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

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 × Fibers	4×6	4×12	6×12	8×12	12×12	24×12
	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 Temperatu		-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.

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