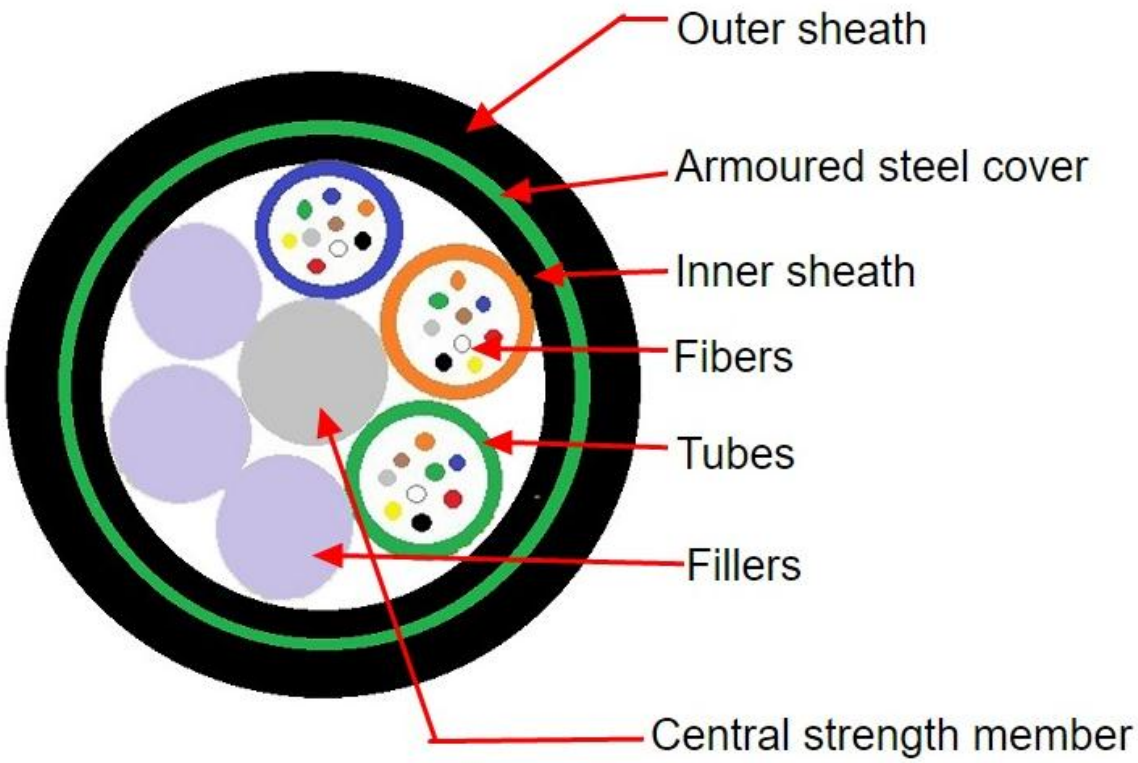
GYFTY53-24 Cores Outdoor Armored &Double Sheaths Underground &Duct Optical Fiber Cable

Profile View





Fibers & Loose Tube Colours Display

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

Fiber Parameters

No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.5
2	Cladding Diameter		μm	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	λ_{cc}≤1260
9	Attenuation(max.)	1310nm	dB/km	≤0.36
		1550nm	dB/km	≤0.22

Cable Parameters

Items		Specifications
Fiber No.		24
Inner Cable structure		1+6
Loose Tube	Dimension	2.2mm±0.1mm
	Material	PBT
	Tube No.	4
	Fibers per Tube	6
Filler	No.	2
Corrugated steel tape	Dimension	1.0±0.1mm

Central Strengthen Member	Diameter	2.0±0.1mm
	Material	FRP
Inner Sheath	Thickness	1.0 mm
	Material	PE
Outer Sheath	OD.	12 ±0.2mm
	Thickness	2.0 ±0.1mm
	Material	PE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unit	Specifications
Weight	Kg/km	165 ±5kg/km
Max. load under installation	KN	≤ 8.6
Max. load under operation	N	≤ 4.2
Max. Tensile （Long Term）	N	1000
Max. Tensile （Short Term）	N	2000
Crush（Long Term）	N/10cm	2000
Crush（Short Term）	N/10cm	3000
Min. Bend Radius（Dynamic）	mm	30D
Min. Bend Radius（Static）	mm	15D
Installation Temperature	℃	-20～+60
Operating Temperature	℃	-40～+70
Storage Temperature	℃	-40～+70