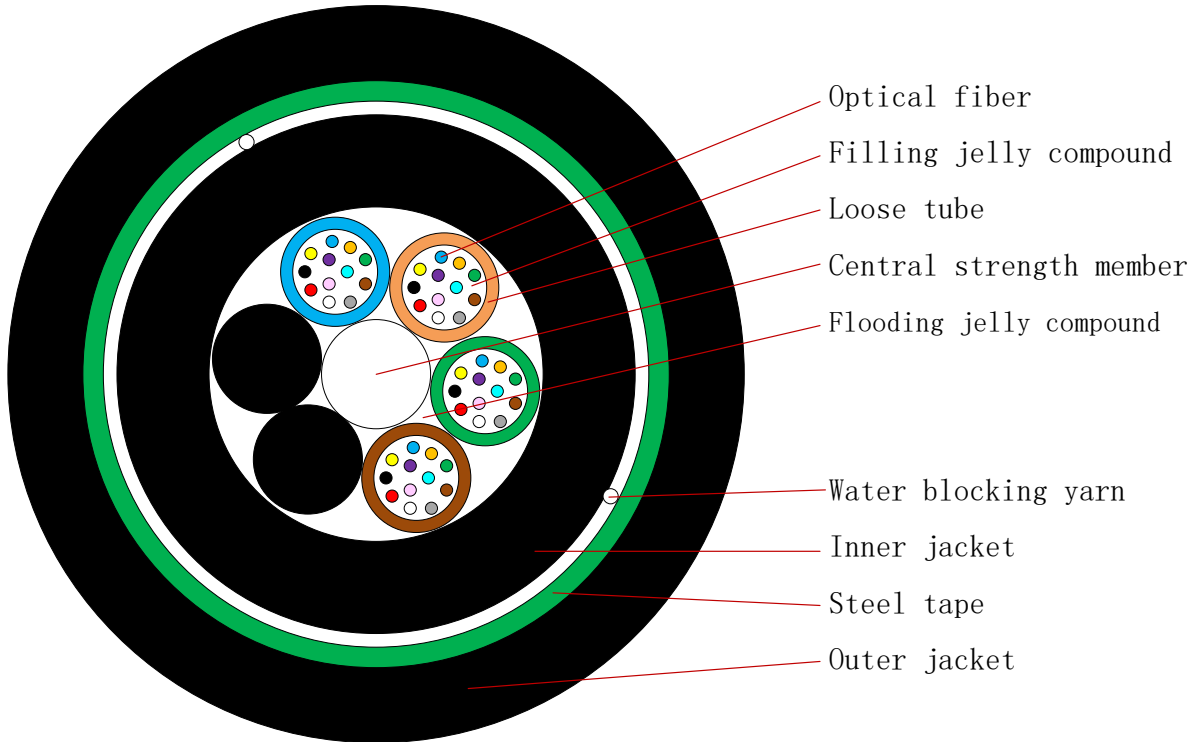




### Cable specification

1. (Optical cable type): OPUG

2. (Cross section of cable):



3. (Optical fiber type and properties)

(Item)		Unit	Specification
			G.652D
Mode field diameter	1310nm	μm	8.6-9.5 ± 0.7
Cladding diameter		μm	125.0 ± 0.7
Cladding non-circularity		%	≤1.0
Core/cladding concentricity error		μm	≤0.8
Coating diameter		μm	242 ± 7
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Macrobend loss 50mm 100turns	1310nm/1550nm	dB	0.03
Attenuation Coefficient	1310nm	dB/km	≤0.35
	1550nm	dB/km	≤0.20
Chromatic dispersion coefficient	1310nm	Ps/nm • km	≤2.0
	1550nm	Ps/nm • km	≤18.0
Proof stress level		Gpa	≥0.69
Zero dispersion wavelength		nm	1300-1324





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Zero dispersion slope	Ps/nm <sup>2</sup> • km	0.092
PMD Coefficient M:20cable Q:0.01%, Maximum PMD <sub>Q</sub>	ps/√km	0.2

(Other parameters meet standard ITU-T G.652)

#### 4. (Dimensions of cable constructions)

Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	CSM diameter/ pad diameter (mm)	Nominal Thickness of Inner jacket (mm)	Nominal Thickness of outer jacket (mm)	Cable diameter (mm)	Cable weight (kg/km)
48	1+6	12	2.0±0.1	2.3 /2.3	0.9	1.8	13.3±0.5	150

#### 5. (Cable performance)

(Item)		(Parameters)
Fiber	Color	Full color spectrum (Natural color instead of white)
Loose tube	Material	PBT
	Color	Full color spectrum
Filler	Material	PE
	Color	Black
CSM	Material	FRP
Inner jacket	Material	MDPE
	Color	Black
Outer armoured	Material	Plastic coated steel strip
Outer jacket	Material	MDPE
	Color	Black
Min. bending radius	Static	12.5 times cable diameter
	Dynamic	25 times cable diameter
Tensile performance	Short term	1500N
Crush	Short term	3000N/100mm

#### 6. (Environmental performance)

(Item)	(Standard)	(Parameters)
Operation temperature	IEC 60794-1-2 F1	-20°C ~ +60°C



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7. (Drum)

MODEL NO : MYFOPUG-GYFTY53-48C-SM-ODDJ-CST-BK-02

(Cable type)	(Drum)				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
GYFTY53-48	1200	750	500	2.8	Plywood wood drum



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