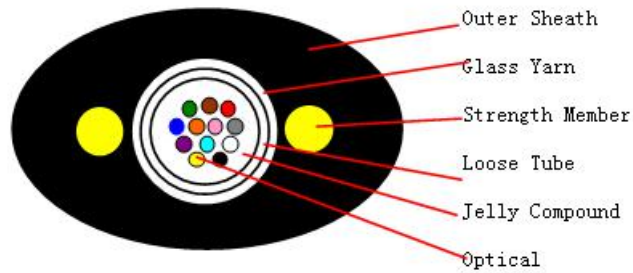


### Cable Design



### Technical data

No. of fiber		4	8	12
Fiber Model		G.652D		
Strength Member	Material	FRP		
	Diameter ( $\pm 0.05$ ) mm	1.5		
	NO.	2		
Loose Tube	Material	PBT		
	Diameter ( $\pm 0.06$ ) mm	2.8		
	Thickness ( $\pm 0.03$ ) mm	0.40		
Strength Member	Material	Glass Yarn		
Outer Sheath	Material	HDPE		
	Color	Black		
Cable Diameter ( $\pm 0.2$ ) mm		5.0 $\times$ 8.0		
Allowable Tensile Strength		2000N		
Allowable Crush Resistance		1000N/100mm		
Min. bending radius	Without Tension	10.0 $\times$ Cable- $\phi$		
	Under Maximum Tension	20.0 $\times$ Cable- $\phi$		
Temperature range (°C)	Installation	-20~+60		
	Transport&Storage	-40~+70		
	Operation	-40~+70		

### Fibre Color

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
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## Sheath marking

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The optical fiber drop cable shall have sequentially numbered length marking at intervals of approximately 1 meter. The starting number of ordering length for any coil shall begin with zero meter. The accuracy of the measurement of length marking shall be held within the limits of  $\pm 1\%$ .

- a) Manufacturer's name
- b) Type of wire
- c) Year and month of manufacture
- d) Length marking each meter along the wire