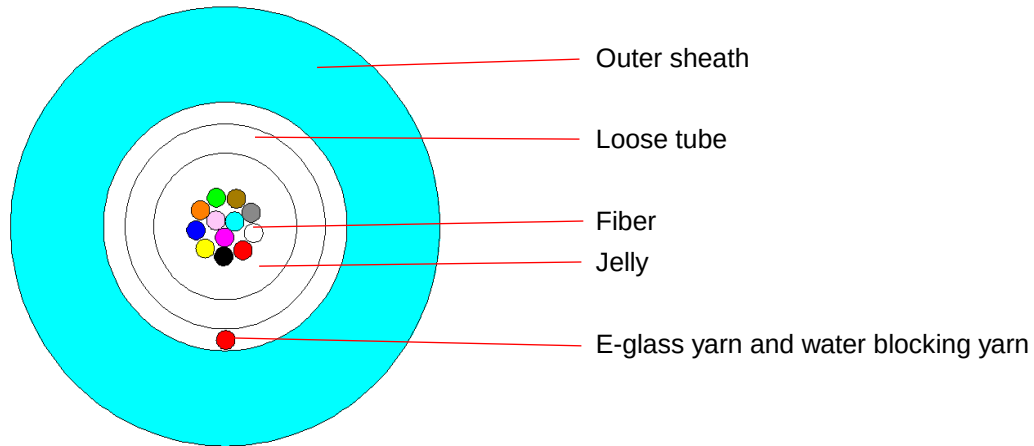


Indoor Outdoor cable 6Core-12Core OM4, OD6.0

1. Cable structure:



2.Cable construction details

Number of fiber	6-12core		
Fiber type	OM4		
Strength member	Material	E-glass yarn	
Loose tube	Material	PBT	
	Color	Natural	
	Tube filling compound	Jelly	
	Thickness	0.4±0.05mm	
	Diameter	2.8±0.1mm	
Ripcord	Color	Red	
Outer sheath	Material	LSZH	
	Color	Black	
	Thickness	1.25±0.1mm	
	Diameter	6.0±0.2mm	

3.Cable Mechanical characteristic

Min Bending Radius(mm)	After Installation	20D
------------------------	--------------------	-----

Min BendingRadius(mm)	During Installation	10D
Tensile Strength(N)	Long term	300
	Short term	800
Crush Load (N/10cm)	Long term	500
	Short term	1000
Temperature range (℃)	-20+70	

4.Fiber color

1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White
7	8	9	10	11	12
Red	Black	Yellow	Violet	Pink	Aqua

5.Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation	850nm	≤3.0	dB/KM
	1300nm	≤1.5	dB/KM
OFL Bandwidth	850nm	≥3500	MHz.km
	1300nm	≥500	MHz.km
Effective Modal Bandwidth @850nm		≥4700	MHz.km
Zero dispersion wavelength		1295-1320	nm
Zero dispersion slope	1295-1300nm	≤0.001*(λ。 -1190)	ps/nm².km
	1300-1320nm	≤0.11	ps/nm².km
Application support distance on		-	
10 Gigabit Ethernet SX	850nm	550	m
Gigabit Ethernet SX	850nm	1100	m
Gigabit Ethernet LX	1300nm	600	m
Numerical Aperture		0.200±0.015	-
Group Refractive Index	850nm	1,482	-
	1300nm	1,477	-
Geometrical Characteristics			
Core diameter		50±2.5	um
Cladding diameter		125.0±1.0	um
Cladding non-circularity		≤1.0	%
Coating diameter		254±5	um
Coating-cladding concentricity error		≤12.0	um
Coating non-circularity		≤6.0	%
Core-cladding concentricity error		≤1.0	um