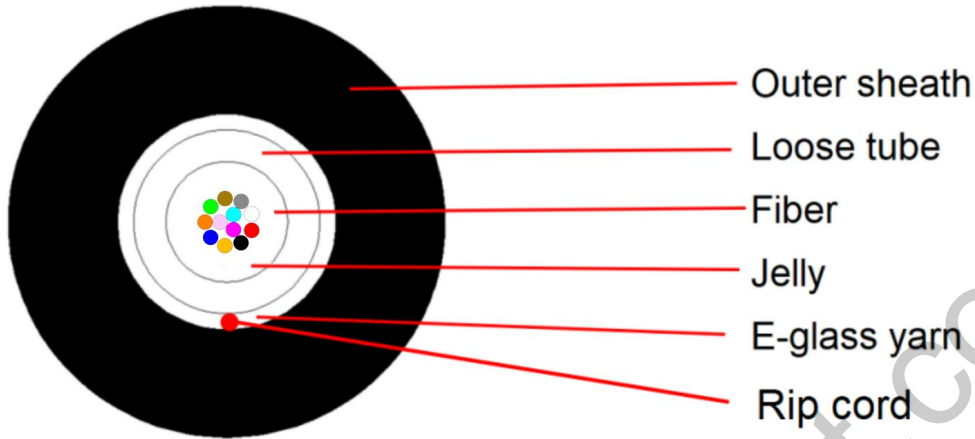


Indoor Outdoor cable 12Core G652D LSZH Black OD6.0

1. Cable structure:



2. Cable construction details

Number of fiber		12 core
Fiber type		G652D
Loose tube	Material	PBT
	Color	Natural
	Tube filling compound	Jelly
	Diameter	2.8±0.1mm
Strength member	Material	E-glass yarn
Ripcord	Color	Red
Outer sheath	Material	FR-LSZH
	Color	Black
	Diameter	6.0±0.3mm

3. Cable Mechanical characteristic

Min Bending Radius(mm)	Long term	20D
	Short term	10D
Tensile Strength(N)	Long term	150
	Short term	350
Crush Load (N/10cm)	Long term	500
	Short term	1000

Temperature range (°C)	-20+70
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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	1310nm	≤0.36	dB/KM
	1550nm	≤0.25	dB/KM
Attenuation vs.Wavelength Max. difference	1285-1330nm	≤0.03	dB/KM
	1525-1575nm	≤0.02	dB/KM
Zero dispersion wavelength		1312±10	nm
Zero dispersion slope		≤0.090	ps/nm ² .km
PMD		-	
Maximum Individual Fiber		≤0.2	ps/√km
Link Design Value (M=20,Q=0.01%)		≤0.1	ps/√km
Typical value		0.04	ps/√km
Cable cutoff wavelength λ_{∞}		≤1260	nm
Mode field diameter (MFD)	1310nm	9.2±0.4	um
	1550nm	10.4±0.5	um
Effective group index of refraction	1310nm	1.466	-
	1550nm	1.467	-
Point discontinuities	1310nm	≤0.05	dB
	1550nm	≤0.05	dB
Geometrical Characteristics			
Cladding diameter		124.8±0.7	um
Cladding non-circularity		≤0.7	%
Coating diameter		254±5	um
Coating-cladding concentricity error		≤12.0	um
Coating non-circularity		≤6.0	%
Core-cladding concentricity error		≤0.5	um
Curl (radius)		≥4	m