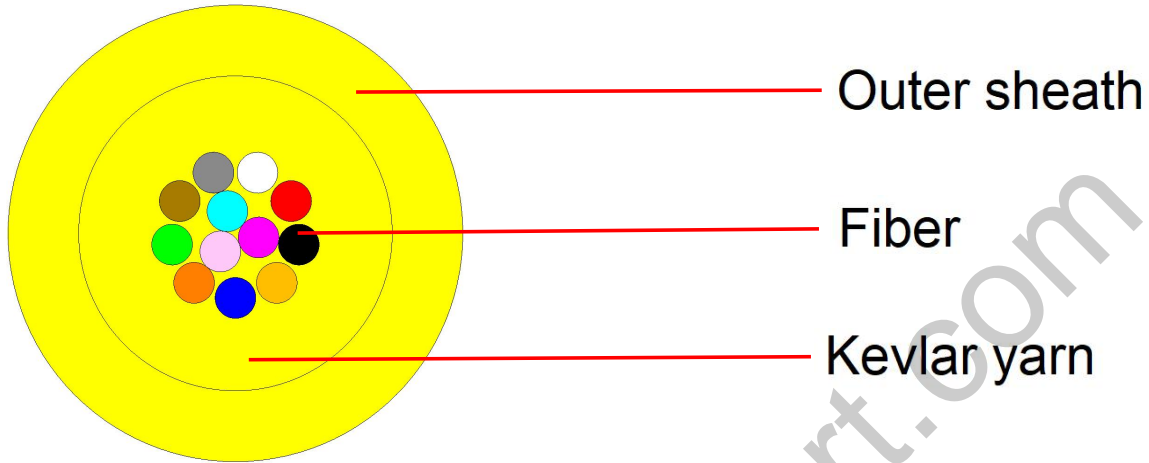


Simplex Loose tube Mini 12F SM G652D LSZH OD3.0

1. Cable structure:



2.Cable construction details :

Items		Description
Number of fiber		12F
Fiber	type	G652D
Strength member	materia	Kevlar yarn
Outer sheath	materia	LSZH
	color	Yellow
	diameter	2.9±0.1mm
Installation Temperature range (°C)		-20+60
Operation and transport temperature (°C)		-20+70
Min Bending Radius(mm)	Long term	10D
Min BendingRadius(mm)	Short term	20D
Tensile Strength(N)	Long term	80
	Short term	150
Crush Load (N/100mm)	Long term	100
	Short term	500

3.Standard 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

4.Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation	1310nm	≤ 0.36	dB/KM
	1550nm	≤ 0.25	dB/KM
Attenuation vs.Wavelength Max. adifference	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/ $\sqrt{\text{km}}$
Link Design Value (M=20,Q=0.01%)		≤ 0.1	ps/ $\sqrt{\text{km}}$
Typical value		0.04	ps/ $\sqrt{\text{km}}$
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