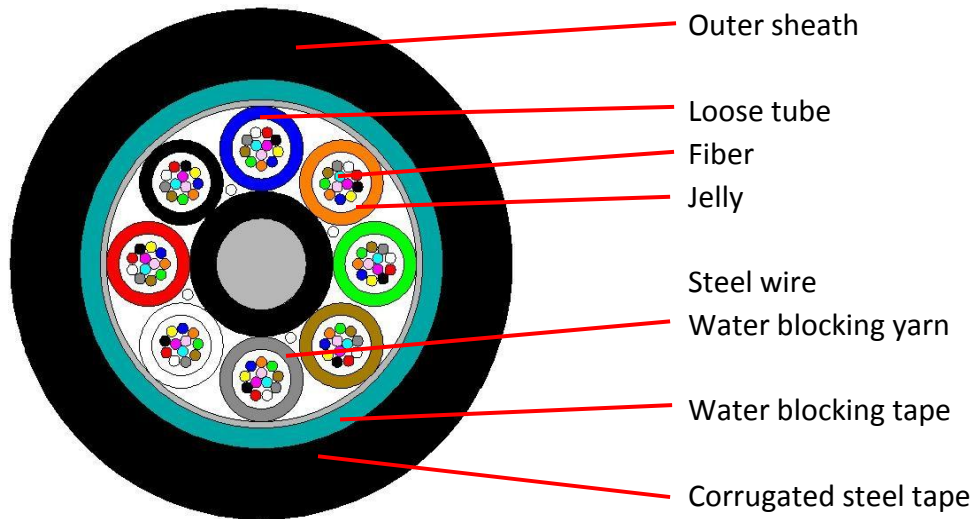


GYTzs 12-144F SM G652D PE Black

1. Cable structure:



2. Cable construction details :

Items		Description	
Number of fiber		Min 2F	Up to 288F
Fiber Type		G652D	
Number of fibers per tube		12F	
Number of loose tube		4	12
Loose tube	Diameter(mm)	2.0±0.1	
	Material	PBT	
Central strength member	Material	Steel wire	
Moisture Barrier	Material	Water blocking yarn and water blocking tape	
Armoring	Material	Corrugated steel tape	
Outer sheath	Material	PE	
	Color	Black	
	Diameter(mm)	10.5±0.5	12.2±0.5
Storage or transportation (°C)		-20+70	
Operation and transport temperature (°C)		-20+70	
Min Bending Radius(mm)	Long term	20D	
	Short term	10D	

Tensile Strength(N)	Long term	1000
	Short term	2000
Crush Load (N/100mm)	Long term	1000
	short term	2000

3. 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

4. Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation	1310nm	≤0.4	dB/KM
	1550nm	≤0.3	dB/KM
Attenuation vs.Wavelength Max. αdifference	1285-1330nm	≤0.03	dB/KM
	1525-1575nm	≤0.02	dB/KM
Zero dispersion wavelength		1300-1324	nm
Zero dispersion slope		≤0.092	ps/nm ² .k
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	8.8±0.4	nm
	1550nm	9.8±0.5	nm
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		245±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