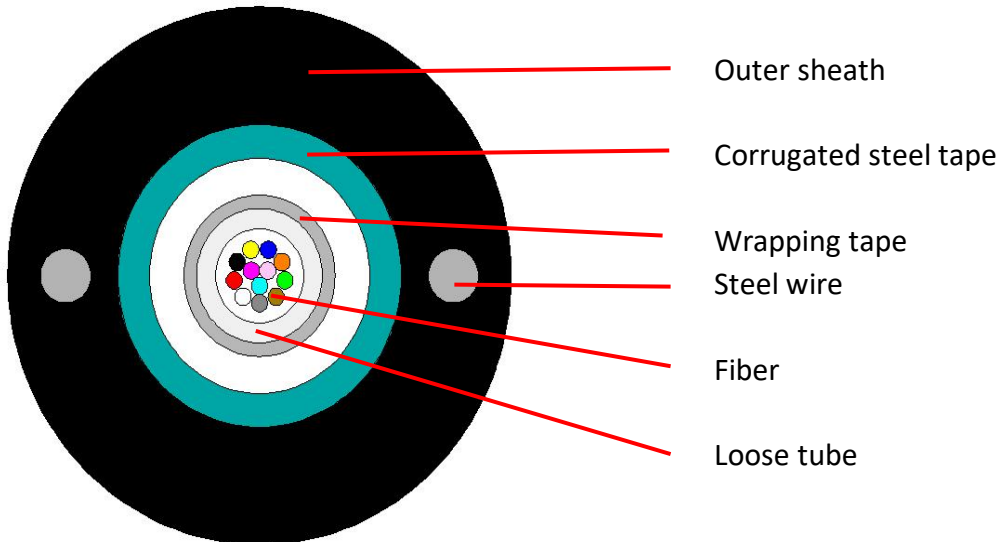


GYXTW 12F SM G652D PE Black

1. Cable structure:



2. Cable construction details :

Items		Description
Number of fiber		1F to 12F
Fiber	type	G652D
Loose tube	material	PBT
	diameter	2.2±0.1mm
Strength member	material	Steel wire
	diameter	0.8mm
Armoring	material	Corrugated steel tape
Outer sheath	material	PE
	color	Black
	diameter	8.0±0.3mm
Installation Temperature range (°C)		-20+60
Operation and transport temperature (°C)		-20+70
Min Bending Radius(mm)	Long term	30D
Min BendingRadius(mm)	Short term	15D
Tensile Strength(N)	Long term	400

Tensile Strength(N)	Short term	800
Crush Load (N/100mm)	Long term	1000
Crush Load (N/100mm)	Short term	2000

3.Standard color of fiber

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Grey	White
No.	7	8	9	10	11	12
Color	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 .km
PMD Maximum Individual Fiber Link Design Value (M=20,Q=0.01%) Typical value		-	
		≤0.2	ps/Vkm
		≤0.1	ps/Vkm
		0.04	ps/Vkm
Cable cutoff wavelength λ _c		≤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