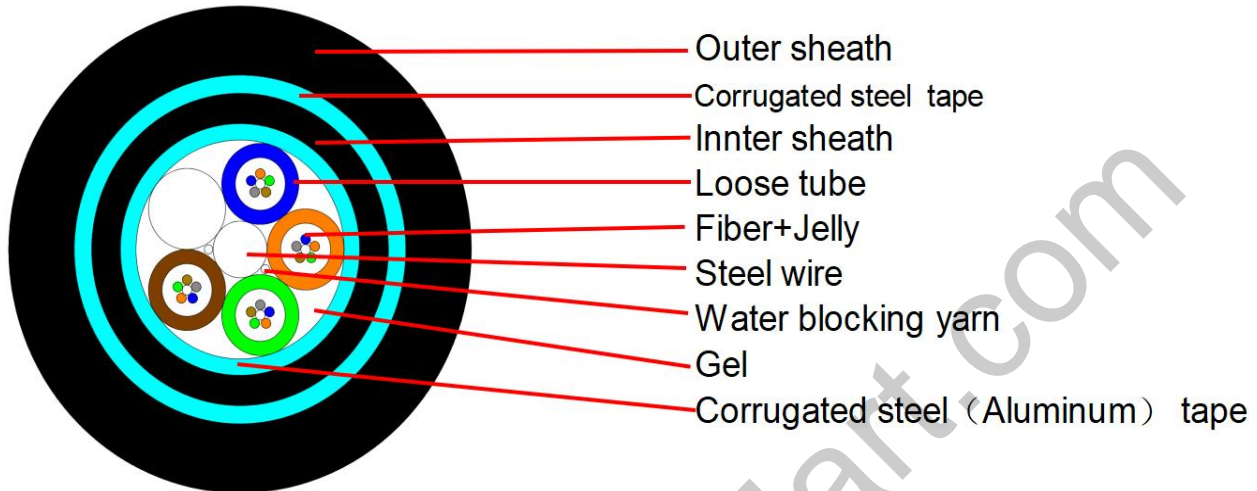


GYTA(S)53 4~24F G652D PE OD12.0
1. Cable structure:

2.Cable construction details :

Items		Description		
Fibertype		G652D		
Number of fiber		4	6	24
Number of fibers per tube		4	6	6
Number of loose tube		1	1	4
Number of fillers		4	4	1
Loose tube	diameter(mm)	1.6±0.1		
	material	PBT		
Central strength member	material	Steel wire		
Filler rod	material	PP or PE		
Armoring inner	material	Corrugated steel (Aluminum) tape		
Armoring outer	material	Corrugated steel tape		
Inner sheath	material	PE		
	color	Black		
	diameter(mm)	7.6±0.3		

Outer sheath	material	PE
	color	Black
	diameter(mm)	12.0±0.5
Installation Temperature (°C)		-10+50
Operation Temperature (°C)		-40+70
Tensile Strength(N)	Long term	500
	Short term	1000
Crush Resistance (N/100m)	Long term	1000
	Short term	2000
Min Bending Radius(mm)	Long term	20D
	Short term	15D

3. Tube and fiber color

1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White

4. 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