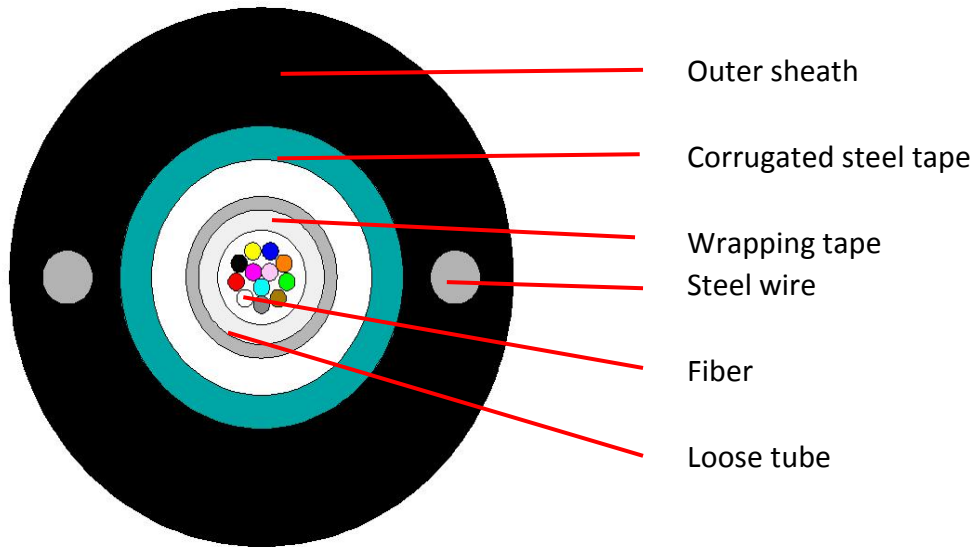


### GYXTW 4-24F OM3-300 Outdoor Cable PE Black

#### 1. Cable structure:



#### 2. Cable construction details :

Items		Description
Number of fiber		4-24F
Fiber	type	OM3-300
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	850nm	≤3.0	dB/KM
	1300nm	≤1.5	dB/KM
OFL Bandwidth	850nm	≥1500	MHz.km
	1300nm	≥500	MHz.km
Effective Modal Bandwidth @850nm		≥950	MHz.km
Zero dispersion wavelength		1295-1320	nm
Zero dispersion slope	1295-1300nm	≤0.001*(λ。 -1190)	ps/nm <sup>2</sup> .km
	1300-1320nm	≤0.11	ps/nm <sup>2</sup> .km
Application support distance on 10 Gigabit Ethernet SX 850nm		-	
		300	m
Numerical Aperture		0.200±0.015	-
Group Refractive Index	850nm	1.482	-
	1300nm	1.477	-
<b>Geometrical Characteristics</b>			
Core diameter		50±2.5	um
Cladding diameter		124.8±1.0	um
Cladding non-circularity		≤1.0	%
Coating diameter		245±5	um
Coating-cladding concentricity error		≤12.0	um
Coating non-circularity		≤6.0	%
Core-cladding concentricity error		≤1.0	um