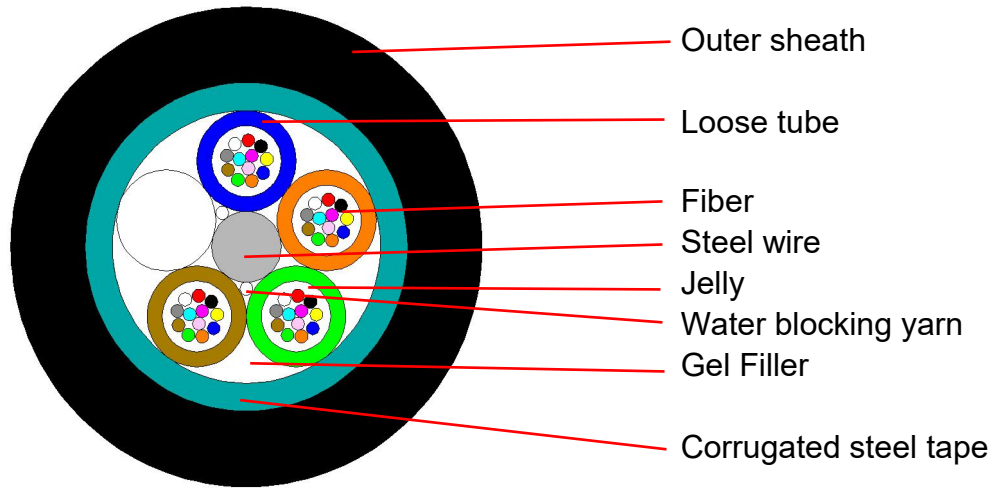


GYTS 48F OM3-300 Outdoor Cable PE Black

1. Cable structure:



2. Cable construction details :

Items		Description
Fiber type		OM3-300
Number of fibers		48
Number of fibers per tube		12
Number of loose tube		4
Number of filler		1
Loose tube	diameter(mm)	2.0±0.1
	material	PBT
Central strength member	material	Steel wire
	diameter(mm)	φ1.4mm
Filler rod	material	PP or PE
Water blocking system	material	Water blocking yarn and Gel
Armoring	material	Corrugated steel tape
Outer sheath	material	PE
	color	Black
	diameter(mm)	9.5±0.4
Weight		95 kg/km
Storage or transportation (°C)		-20+70

Operation and transport temperature (°C)		-20+70
Min Bending Radius(mm)	Long term	10D
Min Bending Radius(mm)	Short term	20D
Tensile Strength(N)	Long term	600
Tensile Strength(N)	Short term	1200
Crush Load (N/100mm)	Long term	1000
Crush Load (N/100mm)	short term	2200

3. Tube and 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	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 ² .km
	1300-1320nm	≤0.11	ps/nm ² .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	-
Geometrical Characteristics			
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