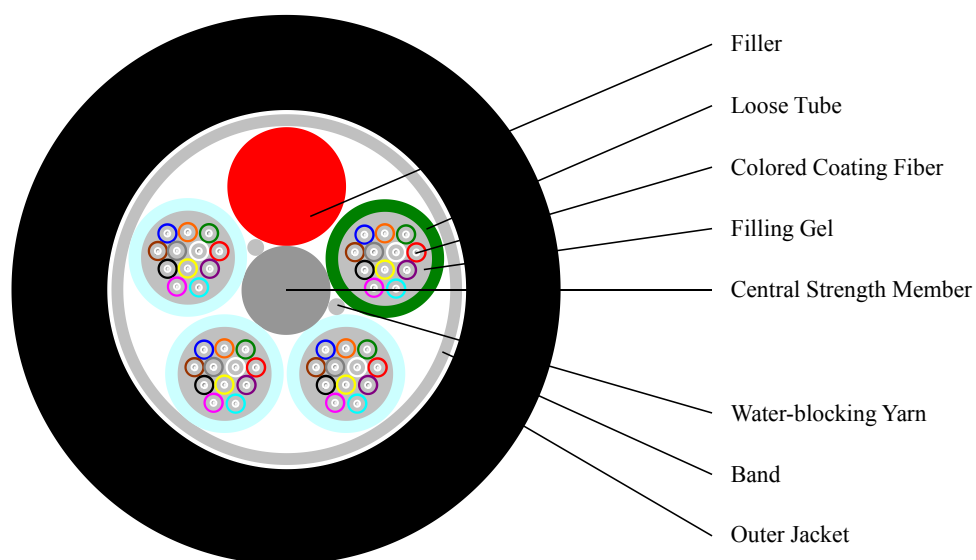




ANSEC

Outdoor Non-Armored Multi-Loose Tube Cable GYFTY-48FO, Single mode G.652D PE 9.0mm



Fiber Parameters

Items		Unit	Specification
			G.652D
Mode Field Diameter	1310nm	μm	9.2 ± 0.4
	1550nm	μm	10.4 ± 0.5
Cladding Diameter		μm	124.8 ± 0.7
Cladding Non-Circularity		%	≤ 0.7
Core-Cladding Concentricity Error		μm	≤ 0.5
Coating Diameter		μm	245 ± 5
Coating Non-Circularity		%	≤ 6.0
Cladding-Coating Concentricity Error		μm	≤ 12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc}\leq 1260$
Attenuation(max.)	1310nm	dB/km	≤ 0.36
	1550nm	dB/km	≤ 0.22

Cable Parameters

Items		Specifications
Fiber Count		48
Colored Coating Fiber	Dimension	250±15µm
	Color	Blue / Orange / Green / Brown / Grey / Natural / Red Black / Yellow / Purple / Pink / Aqua
Loose Tube	Dimension	1.95mm±0.05mm
	Material	PBT
	Color	Green / Natural
Filler	Dimension	1.95mm±0.05mm
	Material	PP
	Color	Red
Central Strenght Member	Diameter	1.5mm
	Material	FRP
Outer Jacket	Dimension	9.0mm±0.3mm
	Material	PE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

