



Prostal Limited.

1F., No.40, Aly. 22, Ln. 143, Ruiping Rd., Yangmei Disty, Taoyuan City 32658, Taiwan

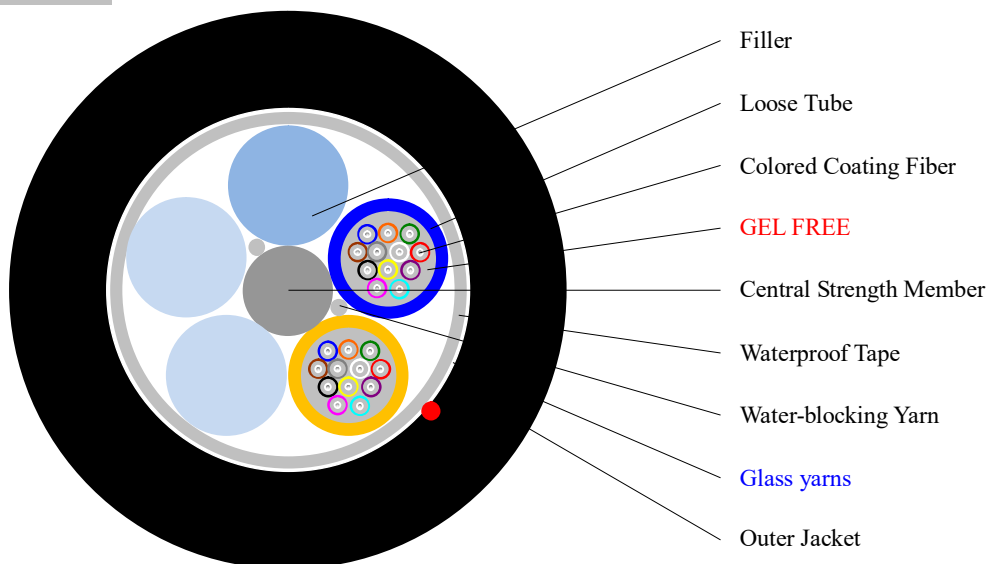
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Vat number: 24849130

GYFTY-24 (6F)

Profile View



Main Features:

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Loose tubes filling compound
- Special tube filling compound ensure a critical protection of fiber
- High crush resistance and flexibility
- Aramid yarn strength member ensures good performance of tensile strength
- Single fiber reinforce plastic as the central strength member
- 100% cable core filling

Fiber Parameters

No.	Items		Unit	Specification
				50/125
1	Core Diameter		μm	50.0±2.5
2	Cladding Diameter		μm	124.8±1.0
3	Cladding Non-Circularity		%	≤1.0
4	Core-Cladding Concentricity Error		μm	≤1.5
5	Coating Diameter		μm	245±7
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Bandwidth(min.)	850nm	MHz·km	600
		1300nm	MHz·km	1200
9	Attenuation Coefficient	850nm	dB/km	≤3.5
		1300nm	dB/km	≤1.5



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Cable Parameters

Items		Specifications
Fiber Count		6/12/24/48
Colored Coating Fiber	Dimension	250μm±15μm
	Color	Blue、Orange、Green、Brown、 Grey、Natural、Red、Black、 Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	1.95mm±0.05mm
	Material	PBT
	Color	Blue,Orange
Filler	Dimension	1.95mm±0.05mm
	Material	PP
	Color	Nature ,Nature,Nature
Central Strength Member	Diameter	1.5mm
	Material	FRP
Outer Jacket	Dimension	9.3mm±0.3mm
	Material	HDPE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unit	Specifications
Tension (Long Term)	N	890
Tension (Short Term)	N	2700
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	℃	-20~+60
Operating Temperature	℃	-40~+70
Storage Temperature	℃	-40~+70