

FTTH FLAT TONEABLE DROP CABLE

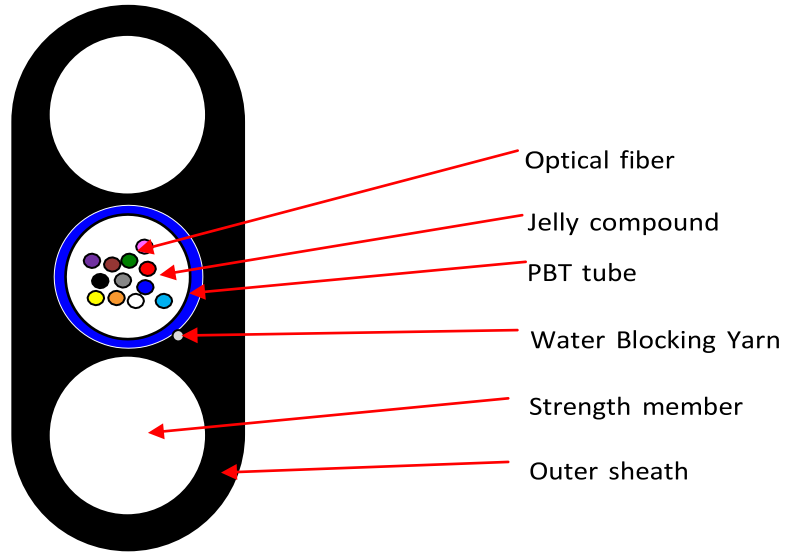
Fiber type: G.652D/G.657A1/G657A2

Fiber count: 2F/4F/12F

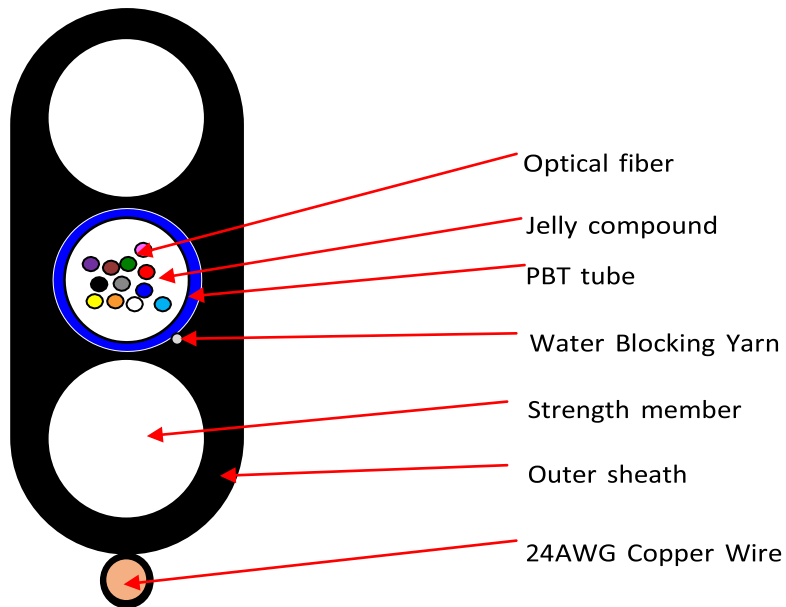
Specification: LA-FD-12AL-160107A

1. Cable Structure

1.1 Optical Type



1.2 Hybrid Type



1.3 Construction and Parameters

Structure Item		Specification	
Optical Fiber	Fiber	G.652D / G.657A1 / G.657A2	
	Attenuation	$\leq 0.36\text{dB/km}@1310\text{nm}$ $\leq 0.22\text{db/km}@1550\text{nm}$	
	Fiber Count	2 ~ 12	
	Color	02F: Blue, Orange 12F: Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua	
Loose Tube	PBT	Diameter: 2.0 / 1.4mm Color: Blue	
Outer sheath	Strength Member	FRP	2.0 ± 0.1 mm 2 ea
	Waterproof	Water Blocking Yarn	1ea
	Hybrid Type	24AWG	Copper Wire 1 ea
	Sheath	Black MDPE or LSZH	Optical type (4.0 * 9.2) ± 0.5 mm Hybrid type (4.0 * 10.2) ± 0.5 mm

1.4 Mechanical and Physical Characteristics

	Outer Diameter (mm)	Loose Tube Diameter (mm)	Tensile Load (N)		Weight (NET. Kg/km)	Temperature
			Operation	Installation		
Optical type	(4.0 * 9.2) ± 0.5	2.0 ± 0.1	400	1350	33	-40~60°C
Hybrid type	(4.0 * 10.2) ± 0.5	2.0 ± 0.1	500	1350	36	-40~60°C

1.5 Marking

0000FT 2020 LEXINGTON AMES FD-160107A-T XXF G.65XXX 0002FT

- The marking is printed every 2 feet.
- Manufacturer name and year
- Fiber count
- Specification number
- Fiber type

1.6 Packing

- Plywood Bobbin
- 2,500m/Drum
- Shipping Weight: Optical type 95kg/8,200FT; Hybrid type 102kg/8,200FT

	Drum					Weight (kg/ea)	Box		Weight (kg/ea)	Pallet	
	Size(mm)				Weight (kg/ea)		Size (mm)	Weight (kg/ea)		Size (mm)	Weight (kg/ea)
	D1	d2	W	a							
Plywood	600	385	425	12	9	Kraft liner brown	615*465*615(h)	3	Wood	930* 1230*130(h)	11.0

