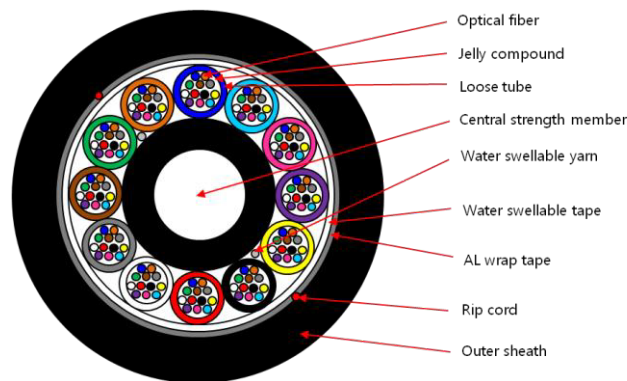


Loose Tube Cable(4~144F) Duct type



Features

- Standard fiber count : 2~312 fibers
- Excellent mechanical and environmental performance
- Anti-termite treatment(optional)
- Excellent optical performance
- High tensile strength design
- Dry or jelly filled type
- High durability and reliability
- ITU-T G.657A&B

Application

- Local area network(LAN)
- Subscriber network system
- Long haul communication system

Specification

Item		Specification	
Fiber	SMF	G.652D	
	Color	4F	Blue/Orange/Green/Red
		6F	Blue/Orange/Green/Red/Yellow/Violet
	12F	Blue/Orange/Green/Red/Yellow/Violet/Brown/Black/Grey/White/Aqua/Pink	
Loose Tube	PBT	4F/6F/8F	$\Phi 2.0 \pm 0.1 \text{ mm}$
		12F	$\Phi 2.3 \pm 0.1 \text{ mm}$
	Color	Blue/Orange/Green/Red/Yellow/Violet/Brown/Black/Grey/White/Aqua/Pink	
Strength member		- 4~24F : FRP 2.0mm - 36~72F : FRP 2.3mm - 96F : 3.7mm(2.6mm steel wire + PE sheath) - 144F : 6.6mm(2.6mm steel wire + PE sheath)	
Outer Jacket	HDPE	- 4/8/12/16/24F : $9.8 \pm 1.0 \text{ mm}$ - 36/48/72F : $10.8 \pm 1.0 \text{ mm}$ - 96F : $12.3 \pm 1.0 \text{ mm}$ - 144F : $15.2 \pm 1.0 \text{ mm}$	
		Thickness : $\geq \text{Min} 1.5 \text{ mm}$	
	Color	Black	

Bending & Temperature characteristic

Classification	Min. Bending radius(mm (in))	Temperature
Loaded	Outer Diameter x 20 (0.79)	-40°C (-40°F) ~ +70°C (+158°F)
Installed	Outer Diameter x 10 (0.39)	-40°C (-40°F) ~ +70°C (+158°F)

Option

Buffer dia.(μm)	Yarn	Wire	Sheath	Fiber
600	Aramid	FRP	PVC	SMF
900	Glass	Steel	LSZH	MMF