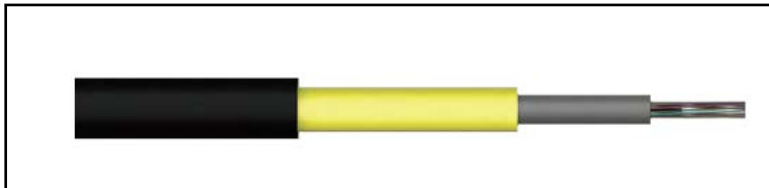


## Indoor /Outdoor Unitube Optical Fiber Drop Cable

### Drawing



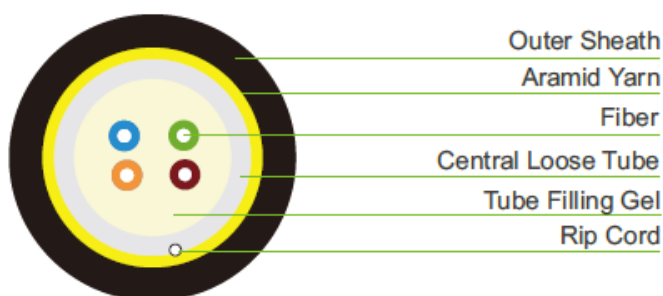
### Description

The 250µm fibers locate in the center of the cable. Use tube filling gel as water-blocking material. Then use the aramid yarn as strength member, and the cable is completed with a LSZH sheath. The rip cord is below the LSZH sheath.

### Features & Benefits

- G.657A1 or G.657A2 fiber recommended with better bending performance
- Environment-friendly LSZH sheath
- Rip cord for easy strip and splice during installation
- Tube filling gel for water blocking performance

### Technical Drawing



### Compliance & Standards

- ISO/IEC 11801
- ITU-T G.651/G.652/G.657
- IEC 60793-1
- IEC 60793-2
- IEC 60794-1
- IEC 60794-2

### Applications

- FTTH Drop Cable



## Indoor /Outdoor Unitube Optical Fiber Drop Cable

## Product Specifications

Fiber Count	1-12 Core
Fiber Type	G.652D/G.657A1/G.657A2/OM1/OM2/OM3/OM4
Strength Member	Aramid Yarn
Sheath	LSZH
Sheath Color	Black

## Optical Performance

Type of Fiber		G.652D/G.657A1/G.657A2	OM2/OM3/OM4
Mode Field Diameter		8.6-9.2±0.4µm	/
Attenuation	@ 850nm	/	≤3.0 dB/km
	@1300nm	/	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	/
	@1550nm	≤0.22 dB/km	/
Cable Cut-off Wave Length ( λ cc)		≤1260nm	/

## Mechanical Performance

Dynamic / Static Min. Bending Radius	20D/10D
Short Term / Long Term Tensile Strength (N)	1500/600
Short Term / Long Term Crush (N/100mm)	1000/300

- Transport/Storage/Operating Temperature: -40°C ~ +60°C
- Installation Temperature: -5°C ~ +50°C \* scientific design with strict processing

## Ordering Information

Part No.	Product Name	Description
FCOEUNJKH-xy	Indoor and Outdoor Unitube Optical Fiber Drop Cable	LSZH Sheath, y Fiber, x Cores

x=Fiber Number (1=1 core, 2=2 cores, 4=4 cores....., 48=48 cores)

y=Fiber Type (S2=G.652D, A1=G.657A1, A2=G.657A2, M1=OM1, M2=OM2, M3=PM3, M4=OM4)