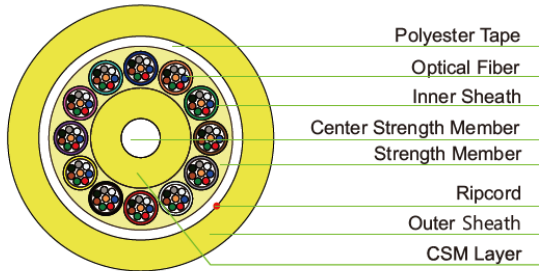


## Indoor High-density Optical Fiber Cable

### Technical Drawing



### Compliance & Standards

- ISO/IEC 11801
- ANSI/TIA-568
- IEC61034-2
- IEC60754-1
- IEC60754-2
- IEC60332-1

### Description

The colored fibers, 250 $\mu$ m, are filled with aramid yarns, and then are wrapped by a PVC sheath to form the sub-units inside, and the whole cable is completed with a polyester tape and a PVC(OFNP) sheath.

### Features & Benefits

- FRP central strength member
- Aramid yarn as strength member for excellent tensile strength performance
- Environment-friendly LSZH sheath
- Light weight, and small bending radius, suitable for horizontal
- Strength and vertical cabling installation

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## Indoor High-density Optical Fiber Cable

### Technical Parameter

Core Amount	72	96	144
Outer Diameter (mm) Approx.	11.2±0.4	13.0±0.4	17.0±0.4
Cable Weight (Kg) Approx.	95	118	166
Thickness of Outer Sheath (mm)	1.0±0.1		
Inner Diameter (mm)	3.±0.1		
Thickness of Inner Sheath (mm)	0.6±0.05		
Sheath Material	LSZH		
Tensile Strength Long/Short Term N	200/600		
Crush	1000N/100mm		
Bending Radius Static/Dynamic mm	10D/20D		
Transport/storage/Operating Temperature	-10°C~+70°C		
Installation Temperature	-5°C~+50°C		

### Optical Performance

Fiber Type		G.652D	G.657A	OM2&OM3&OM4
Attenuation(+20°C)	@1310nm (SM)/@850nm (MM)	≤0.40 dB/km	≤0.40 dB/km	≤0.30 dB/km
	@1550nm (SM)/@1300nm (MM)	≤0.30 dB/km	≤0.30 dB/km	≤1.0 dB/km
Cable Cut-off Wave Length (λ <sub>c</sub> )		≤1260nm	≤1260nm	\

Transport/storage/Operating Temperature:-20°C~+60°C

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Indoor High-density Optical Fiber Cable

Ordering Information

Part No.	Description
FCINCFLH1-XXYY	VERICOM Indoor High-density Optical Fiber Cable, FRP Central Strength, LSZH Sheath, XX Core, YY Fiber

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