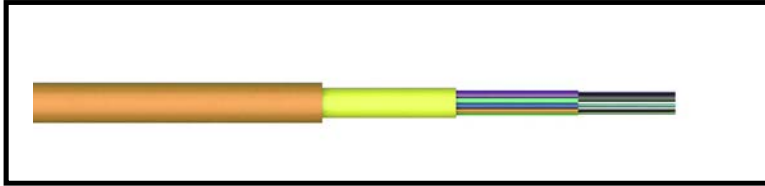


## Indoor Bundle Tight-buffered Optical Fiber Cable

### Drawing



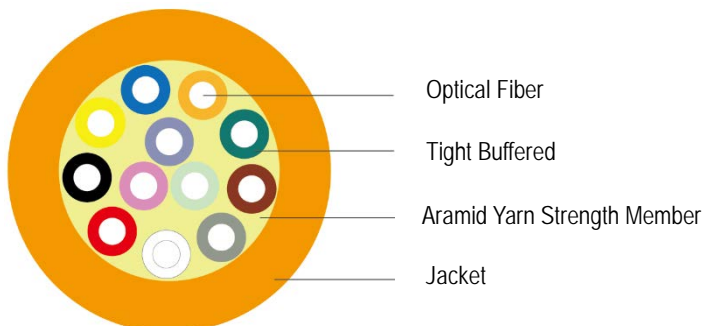
### Description

Multi Fiber Indoor cable using several 900um colored fiber as optical communication medium. The colored fiber wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a PVC or LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

### Features & Benefits

- Tight buffered fiber, easy for stripping
- Aramid yarn as strength member for excellent tensile strength performance
- All dielectric structure to prevent it from electromagnetic influence
- Light weight, high flexibility, small bending radius and excellent 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

- Multi optical fiber jumper
- Indoor cable distribution
- Backbone distribution cable in buildings



## Indoor Bundle Tight-buffered Optical Fiber Cable

## Product Specifications

Fiber Type	G.652D/G.657A2/OM1/OM2/OM3/OM4	
Fiber Core	1~48	
Tight Buffered	Material	LSZH
	Diameter	0.9mm
Strength Member	Aramid Yarn	
Sheath	Material	LSZH

## Optical Performance

Fiber Type		G.652D	G.657A	OM2/OM3/OM4
Attenuation(+20°C)	@850nm	/	/	≤3.0 dB/km
	@1300	/	/	≤1.0 dB/km
	@1310nm	≤0.40 dB/km	≤0.40 dB/km	/
	@1550nm	≤0.30 dB/km	≤0.30 dB/km	/
Cable Cut-off Wave Length (λ <sub>cc</sub> )		≤1260nm	≤1260nm	/

- Transport/storage/Operating Temperature: -20°C~+60°C
- Installation Temperature: -5°C~+50°C\* scientific design with strict processing

## Mechanical Performance

Fiber Amount Core	Cable Size mm	Tensile Strength Long/Short Term N	Crush Long/Short Term N	Bending Radius Static/Dynamic mm	Reference Weight Kg/km
2	3.0±0.2	70/220	200/350	10D/20D	10
4	4.0±0.2	70/220	200/350	10D/20D	15
6	5.2±0.2	130/440	300/1000	10D/20D	25
8	5.6±0.2	130/440	300/1000	10D/20D	27
12	6.3±0.2	130/440	300/1000	10D/20D	35
16	7.6±0.2	400/660	300/1000	10D/20D	46
24	8.8±0.2	400/660	300/1000	10D/20D	60
36	17.2±0.2	400/660	300/1000	10D/20D	/
48	17.4±0.2	400/660	300/1000	10D/20D	/



## Indoor Bundle Tight-buffered Optical Fiber Cable

## Ordering Information

Part No.	Product Name	Description
FCINTFLH1-xy	Indoor Bundle Tight-buffered Optical Fiber Cable	Aramid Yarn Strength Member, 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)