

# Multi-fiber Distribution Indoor Cable I

## Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

## Application

- Used in indoor cabling, especially in poor laying conditions;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used as pigtailed and patch cords

## Options

- Fiber Type: G.652, G.655, G.657 single-mode fiber, A1a or A1b multi-mode fiber, or other types of fiber;
- Jacket Material: Polyvinylchloride(PVC), Low smoke zero halogen(LSZH), Thermoplastic polyurethane(TPU), or other contracted material
- Fiber Count: Total number of fibers in the cable
- Jacket color: (including color of fiber)meets the requirements of relevant standards, or other contracted color
- Cable Dimension: The nominal cable dimension or other contracted dimension
- Delivery Length: 1KM or 2KM or other contracted length.
- Other Requirements: Other contracted special requests.

## Specifications

Fiber Count	Cable Dimension (mm)	Cable Weight (kg/km)	Tensile(N)		Crush(N/100mm)		Min.bend Radius(mm)		Range of Long Temperature(°C)
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
Multi-fiber Distribution Indoor Cable I									
4	5.0	19.0	130	440	200	1000	20D	10D	
6	5.2	23.0	130	440	200	1000	20D	10D	
8	5.5	26.0	130	440	200	1000	20D	10D	
12	6.5	36.5	200	660	200	1000	20D	10D	-20°C ~ +60°C
16	7.5	44.5	200	660	200	1000	20D	10D	
24	8.2	54.5	200	660	200	1000	20D	10D	
36	9.0	72.0	200	660	200	1000	20D	10D	
48	10.5	90.0	200	660	200	1000	20D	10D	

Note:1 D is outer diameter of the round tale

Note:2 The cable dimension and weight are in accordance with the tight-buffered fiber of 0.9mm outer diameter

Note:3 The minimum bend radius(static)is 5D when G.657fiber is used

