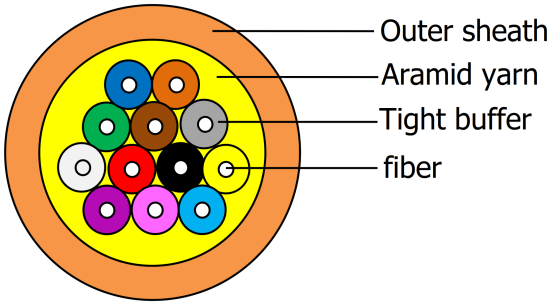
>Indoor Optical Communication Cable >Distribution Cable

Description

The distribution cable uses some tight buffer fibers wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.



Structural Diagram

Technical Characteristics

- Good mechanical and environmental performance.
- Flame-retardant meets relevant standards.
- Support high-capacity data transmission.
- Suitable for indoor horizontal cabling.
- Suitable for pigtail fiber, jumper wire, and optical connection in optical communication machine room, optical distribution frame, optical device or equipment, etc.
- Jacket can be made of flame retardant PVC,LSZH flame retardant polyolefin or other agreed material.
- Tight buffer color can be customized

Cable Property

Cable Count	Cable Weight (kg/km)	Diameter		Tensile strength		Crush resistance		Bending radius			
								B6		Others	
		Tight buffer	Cable	Long term	Short term	Long term	Short term	Staitc	Dynamic	Staitc	Dynamic
		(mm)		(N)		(N/100mm)		(mm)			
4	20	0.9±0.05	5.0±0.1	120	300	200	1000	5 • D	10 • D	10 • D	20 • D
6	22	0.9±0.05	5.2±0.1	120	300	200	1000	5 • D	10 • D	10 • D	20 • D
8	26	0.9±0.05	5.5±0.1	150	350	200	1000	5 • D	10 • D	10 • D	20 • D
12	36	0.9±0.05	6.5±0.1	180	500	200	1000	5 • D	10 • D	10 • D	20 • D
24	52	0.9±0.05	8.3±0.1	200	660	200	1000	5 • D	10 • D	10 • D	20 • D

1, All values above can be customized.

2,Notes: D=Cable diameter

Environmental Performance

- Transportation & Storage temperature: -20℃-±60℃
- Installation temperature: -10℃-±50℃
- Operation temperature : -20℃-±60℃
- Remarks : RoHS