

Indoor Fiber Optic Cables



Structure & Capability

Description	Color Coating Fiber. Strength Member, Cable Sub-unit, Central Strength Member. Cushion Structure Description Tape Jacket
Fiber	SM: G652D、 G655、 G657 or other single-mode optical fibers. Fiber MM: A1a, A1b or other multi-mode fibers
Strength member	Strength Member: Aramid yarn or other high-strength yarn. Central Strength Member: FRP+ Cushion
Jacket	Materials: low-smoke halogen-free flame-retardant polyolefin (LSZH) or other materials. Color: Color as specified by the standard or other color.
Applications	Used as cable Indoor horizontal or vertical cabling. Used as cable in an indoor premises distribution system. Application. Used as a pigtail of communication equipment and an adaptor, a patch cord. Used as a connection of transmission equipment.
Characteristics	All dielectric structure, without the effect of electromagnetic induction. Multi-core, compacted structure, small size, light weight. Soft, small bending radius, excellent stress and strain performance.
Temperature	-20°C~+60°C

Parameters

Fiber Count	Cable Dimension (mm)	Cable Weight (Kg)	Tensile(N)		Crush(N/10cm)		Bending Radius(mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
16	12.5	125.0	400	1320	300	1000	10D	20D
24	15.0	183.0	400	1320	300	1000	10D	20D
36	17.0	238.0	400	1320	300	1000	10D	20D
48	18.5	292.0	400	1320	300	1000	10D	20D
64	22.0	410.0	400	1320	300	1000	10D	20D
72	22.5	390.0	400	1320	300	1000	10D	20D
96	25.5	546.0	600	1500	300	1000	10D	20D
144	35.5	1004.0	800	2000	300	1000	10D	20D

Options

- Cable Dimension: The nominal cable dimension, or other customized dimension:
- Delivery Length: 2.0km, or other customized length;
- Other Requirements: Other customized special requests.