

Application

Optical Fiber Distribution Cable takes multiple tight-buffered fibers as the basic unit, high modulus aramid yarn as the strength member, and the jacket is made of polyvinyl chloride (PVC) or low smoke zero halogen flame-retardant polyolefin (LSZH). (2~24 cores).

Branched distribution optical cable is composed of multi-fiber basic unit (single-tube distribution optical cable), fiber-reinforced composite plastic (GFRP/KFRP) central strength member, sub cables stranded around the central strength member, and polyvinyl chloride (PVC) or low smoke zero halogen flame-retardant polyolefin (LSZH). (above 24 cores).

Product application

- Indoor integrated wiring
- The main wiring optical cable in the building
- Multi-fiber patchcord



Parameters

Cable diameter (mm)	Cable weight (kg/km)	Minimum bending radius (mm)	Tensile load(N)		Crush load(N/100mm)		Temperature range (°C)	
			static	dynamic	Short term	Long term	Short term	Long term
4.5±0.2	19.2	45	90	400	200	1000	200	-20°C - +60°C
5.0±0.2	20.5	50	100	400	200	1000	200	-20°C - +60°C
5.5±0.2	28.3	55	110	660	200	1000	200	-20°C - +60°C
6.0±0.2	32.93	60	120	660	200	1000	200	-20°C - +60°C
6.5±0.2	36.5	65	130	660	200	1000	200	-20°C - +60°C
7.0±0.2	45.2	70	140	660	200	1000	200	-20°C - +60°C
8.5±0.2	67.2	85	170	1320	400	1000	200	-20°C - +60°C
14.2±0.5	89.8	142	284	1320	400	1000	300	-20°C - +60°C
16.2±0.5	106.9	162	324	1320	400	1000	300	-20°C - +60°C
19.5±0.5	581.3	195	390	1320	400	1000	300	-20°C - +60°C

22.8±0.8	797.8	228	456	1320	400	1000	300	- 20℃ - +60℃
26.4±0.8	728.4	264	528	1320	400	1000	300	- 20℃ - +60℃