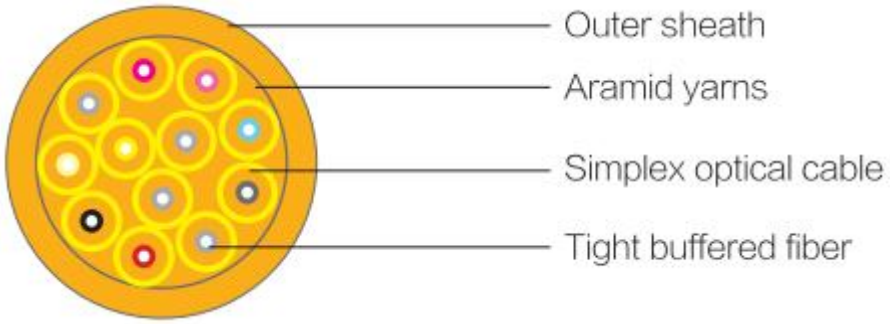
Application

Optical Fiber Break Out Cable takes the simplex optical cable as the basic unit, nonmetal as the strength member around which the sub cable is stranded, and the jacket is made of polyvinyl chloride (PVC) or low smoke zero halogen flame-retardant polyolefin (LSZH).

Product application：

•Indoor integrated wiring

•The main wiring optical cable in the building



Parameters

Fiber count	Strength member	Cable diameter (mm)	Cable weight (kg/km)	Minimum bending radius (mm)		Tensile load(N)		Crush load(N/100mm)		Temperature range（℃）
				static	dynamic	Short term	Long term	Short term	Long term	
2	high modulus aramid yarn	6.0±0.1	30.5	60	120	440	200	1000	200	- 20℃ - +60℃
4	high modulus aramid yarn	7.0±0.1	44.9	70	140	440	200	1000	200	- 20℃ - +60℃
6	high modulus aramid yarn	8.0±0.2	63.5	80	160	660	200	1000	200	- 20℃ - +60℃
8	high modulus aramid yarn	9.2±0.2	81.9	92	184	660	200	1000	200	- 20℃ - +60℃
12	high modulus aramid yarn	12.2±0.3	144.8	122	244	660	200	1000	200	- 20℃ - +60℃
16	high modulus aramid yarn	11.5±0.3	123.4	115	230	1320	400	1000	200	- 20℃ - +60℃
24	high modulus aramid yarn	13.8±0.5	179.1	138	276	1320	400	1000	200	- 20℃ - +60℃
32	high modulus aramid yarn	16.0±0.5	229.6	160	320	1320	400	1000	200	- 20℃ - +60℃
36	high modulus aramid yarn	16.5±0.5	251.6	165	330	1320	400	1000	200	- 20℃ - +60℃
48	high modulus aramid yarn	19.0±0.8	332.9	190	380	1320	400	1000	200	- 20℃ - +60℃

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