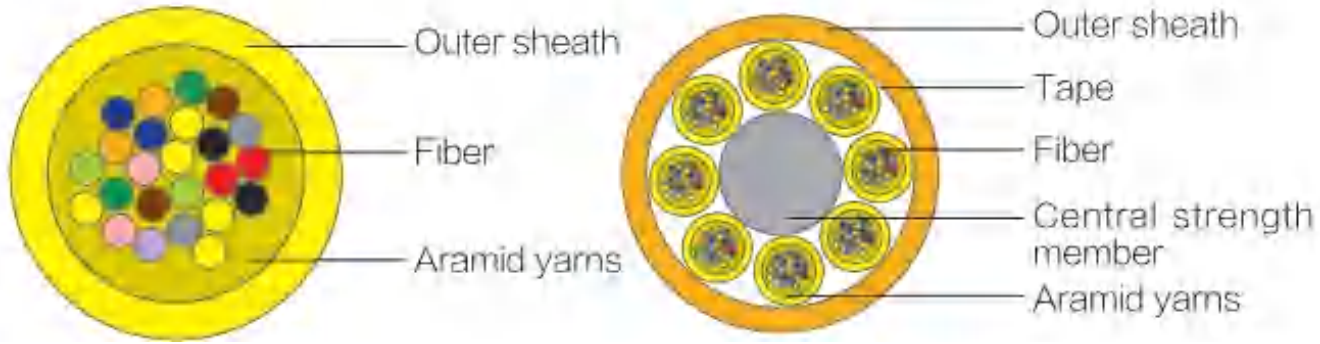


Application

1~32 cores mini- cable takes the discrete fiber as the basic unit, high modulus aramid yarn as the strength member, and polyvinyl chloride (PVC) or low smoke zero halogen flame-retardant polyolefin (LSZH) as the jacket material.

Branched mini-cable is composed of a multi-fiber basic unit (single-tube mini- cable), fiber-reinforced composite plastic (GFRP/CFRP) central strength member, single cable stranded around the central strength member, and polyvinyl chloride(PVC) or low smoke zero halogen flame-retardant polyolefin (LSZH).



Parameters

Fiber count	Strength member	Cable diameter (mm)	Cable weight (kg/km)	Minimum radius static	bending (mm) dynamic	Tensile load (N)		Crush load (N/100mm)		Temperature range (t)
						Short term	Long term	Short term	Long term	
2	high modulus aramid yam	2.0 ±0.1	3.2	30	60	100	50	500	100	- 20℃ - +60℃
8	high modulus aramid yam	2.4 ±0.1	4.9	30	60	150	70	500	100	- 20℃ - +60℃
12	high modulus aramid yam	3.0 ±0.1	6.9	30	60	200	80	500	100	- 20℃ - +60℃
16	high modulus aramid yam	3.4 ±0.1	9.0	34	68	220	100	500	100	- 20℃ - +60℃
24	high modulus aramid yam	3.5+ 0.1	9.5	35	70	250	120	500	100	- 20℃ - +60℃
32	high modulus aramid yam	5.0 ±0.1	25.3	50	100	250	120	500	100	- 20℃ - +60℃
48	high modulus aramid yam	9.5 ±0.3	183.8	95	190	600	200	1000	200	- 20℃ - +60℃
64	high modulus aramid yam	13.5 ±0.5	285.2	135	270	800	400	1000	200	- 20℃ - +60℃
72	high modulus aramid yam	11.5±0.5	381.4	120	240	1000	500	1000	200	- 20℃ - +60℃
96	high modulus aramid yam	13.5 ±0.5	495.3	135	270	1200	400	1000	200	- 20℃ - +60℃
144	high modulus aramid yam	13.5 ±0.5	391.4	135	270	1320	400	1000	200	- 20℃ - +60℃
144	high modulus aramid yam	26.4 ±0.8	728.4	264	528	1320	400	1000	200	- 20℃ - +60℃