



LIEKKI™ passive multimoded fibers are especially designed and manufactured to be used in high brightness power delivery applications. The available numerical apertures are the industry standard 0.15 and 0.22, and the fibers can be applied to applications ranging from visible wavelengths to >1500nm.

Features

- Matching with industry standard geometries 105, 200, 400 μ m core diameters
- Matching with industry standard numerical apertures of 0.15 and 0.22
- Low loss all-glass structure capable of operating over a wide wavelength range

Applications

- Pigtails for pump diodes
- All-fiber subassemblies
- High brightness power delivery
- Fiber based components for fiber lasers (e.g. pump combiners)

Typical Device Performance

LIEKKI™ Passive Fiber	Core	±	Cladding	±	Coating	±	NA	±	Clad ding NA	Birefrin- gence	Proof Test	Matching Active Fiber
Passive-105/125, 0.15NA	105	3	125	3	250	15	0.16	0.01			100	
Passive-105/125, 0.22NA	105	3	125	3	250	15	0.23	0.01			100	
Passive-200/220, 0.15NA	200	4	220	5	350	15	0.16	0.01			100	
Passive-200/220DC, 0.22NA	200	4	220	5	350	15	0.23	0.01			100	
Passive-400/480, 0.22NA	400	8	480	9	750	30	0.23	0.01			70	

* Core diameter specification refers to the mode field diameter.