

LMA-25-PC-APC-5

LMA-25 Fiber Patch Cable



- High threshold power for nonlinear effects
- Low fiber attenuation
- Endlessly single-mode
- Pure silica fiber
- Mode field diameter independent of wavelength

This cabled large core photonic crystal fiber is optimized for diffraction limited high peak power delivery at wavelengths beyond 900 nm.

The fiber ends are collapsed/hermetically sealed providing beam expansion through the silica windows resulting in low end facet intensity. The hermetically sealed fiber ends are FC/PC and FC/APC connectorized and the fiber is protected in a polymer coated flexible steel tube.

Applications

- Single-mode high power delivery
- Multi-wavelength transmission
- Mode filtering
- Single-mode pigtailing
- Short pulse delivery

Specifications	
Length of PCF	5 ± 0.2 m
Connector type 1	FC/PC (0°)
Connector type 2	FC/APC (8°)
Ferrule hole size	280 µm
Ferrule type	Steel
Cable type	Steel-reinforced square-lock, 10 mm diameter
Cable coating type	PVC Coated
Tension relief	Kevlar
Distance behind facet to holes (sealing length)	1500 ± 200 µm
Fiber specifications	See LMA-25 datasheet



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