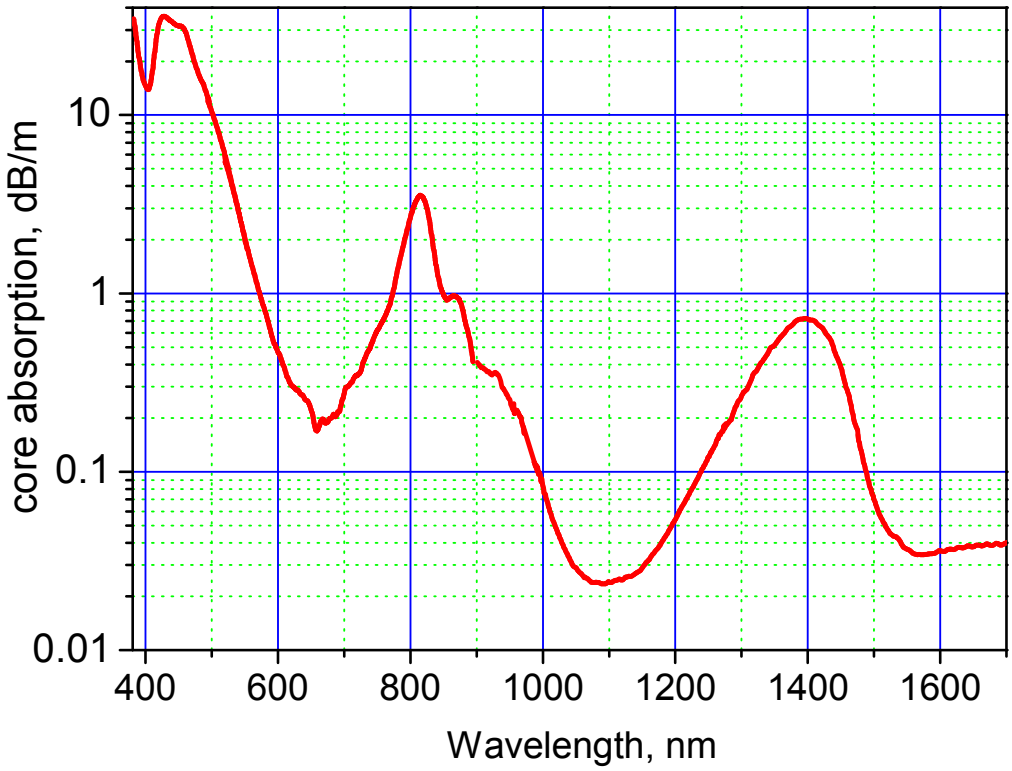
BISMUTH DOPED FIBER

Article BiDF-SM-7/125



Typical core absorption

Fiber specifications

Core diameter	5.0 ± 0.4 µm
Clad diameter	125 ± 3 µm
Core NA	0.14 ± 0.02
Cutoff wavelength	0.95 ± 0.02 µm
Core absorption (1310 nm)	0.3 ± 0.05 dB/m
Amplification range (-3dB)	1.42 - 1.46 mm
Typ. peak gain (@1440 nm)	>0.25 dB/m (Pp<100mW)
Typical laser eff-cy	>50% (vs pump power at 1310 nm)

Other parameters including PM version are available on the request

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