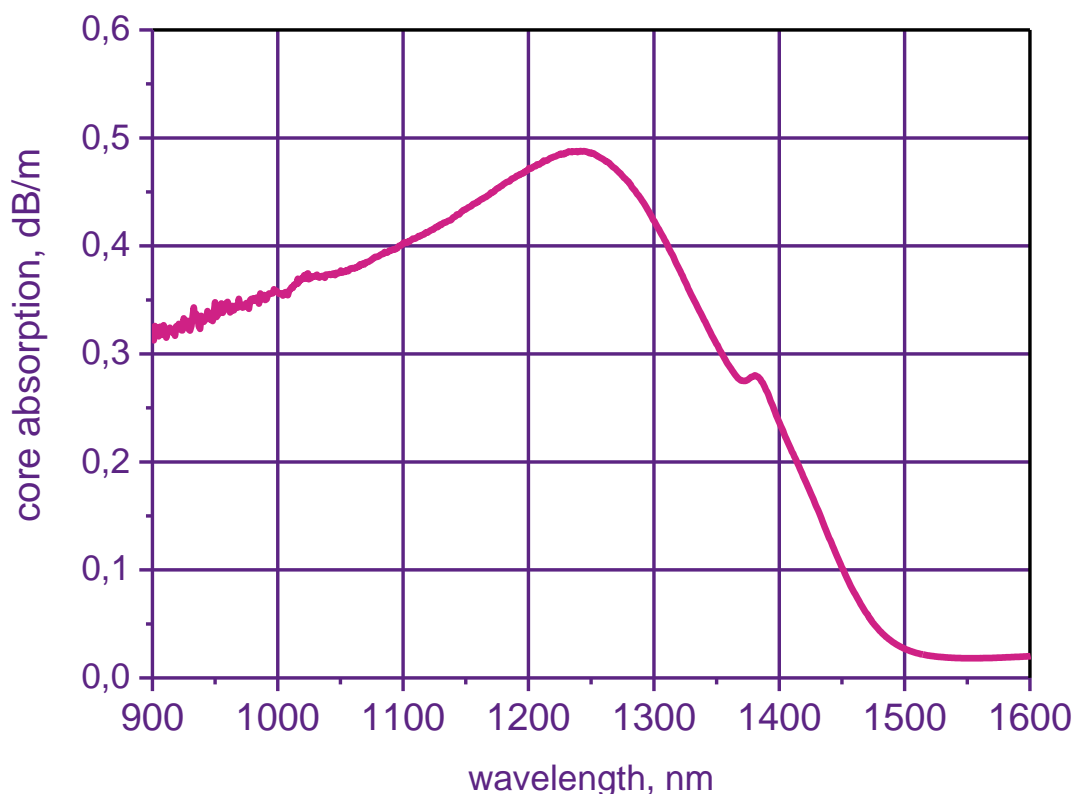


SPECIALTY FIBER BISMUTH DOPED FIBER

Bi-P - CODOPED
SINGLE MODE FIBER

ARTICLE BPDF-SM-6/125-1320

Bismuth-Phosphorus codoped fiber BPDF-SM-6/125-1320 series is specially designed for typical application for amplifiers, lasers, superfluorescent fiber sources operating at 1270-1370nm.



FIBER SPECIFICATIONS	BPDF-SM-6/125-1320
Core diameter, μm	5.6 ± 0.6
Clad diameter, μm	125 ± 5
Core NA	0.14 ± 0.02
Cutoff wavelength, μm	1.05 ± 0.05
Core absorption (1240 nm), dB/m	0.5 ± 0.05
Amplification range (-3dB), μm	$1.295 \div 1.340$
Typ. peak gain (@1320 nm), dB/m	> 0.2 ($P_p < 350\text{mW}$ @ 1240 nm)
Typical laser eff-cy	$> 25\%$ (vs pump power at 1240 nm)

Other parameters are available on the request