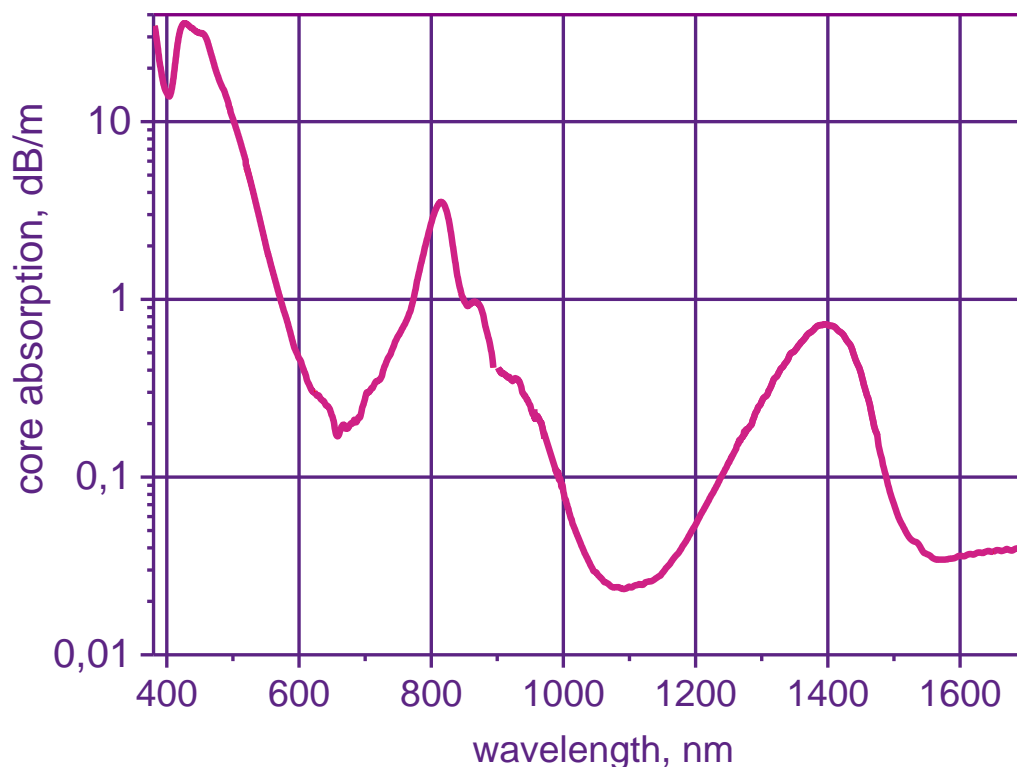


SPECIALTY FIBER BISMUTH DOPED FIBER

Bi-Ge - CODOPED
SINGLE MODE FIBER

ARTICLE BGDF-SM-7/125-1430

Bismuth-Germanium codoped fiber BGDF-SM-7/125-1430 series is specially designed for typical application for amplifiers, lasers, superfluorescent fiber sources operating at 1370-1490nm.



FIBER SPECIFICATIONS	BGDF-SM-7/125-1430
Core diameter, μm	6.5 ± 0.6
Clad diameter, μm	125 ± 5
Core NA	0.14 ± 0.02
Cutoff wavelength, μm	1.1 ± 0.05
Core absorption (1310 nm), dB/m	0.3 ± 0.05
Amplification range (-3dB), μm	$1.41 \div 1.45$
Typ. peak gain (@1435 nm), dB/m	> 0.2 ($P_p < 100\text{mW}$ @ 1310 nm)
Typical laser eff-cy	$> 50\%$ (vs pump power at 1310 nm)

Other parameters are available on the request