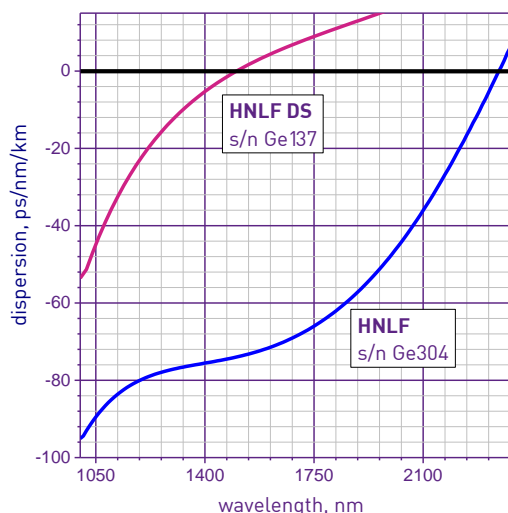


SPECIALTY FIBER HIGH NON-LINEAR FIBERS

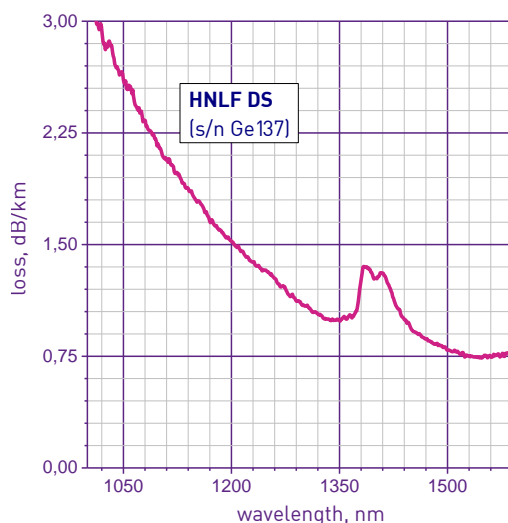
ARTICLE HNLF (s/n Ge304)

HNLF series is designed to maximize fiber nonlinearity and minimize optical loss, which makes such fibers optimal for constructing highly efficient Raman lasers and amplifiers, dispersion compensators and various non-linear devices.



ARTICLE HNLF DS (s/n Ge137)

HNLF DS series is designed for applications requiring a shift of the zero dispersion wavelength to the 1550 nm spectral region: supercontinuum generation, parametric conversion and etc.



FIBER SPECIFICATIONS	HNLF	HNLF DS
Core diameter, μm	3 ± 1	4.5 ± 1
Cutoff wavelength, μm	1 ± 0.3	1.5 ± 0.5
Dispersion @ 1550nm, ps/nm/km	< -50	± 4
ZDW, nm	> 2300	$1480 \div 1565$
Clad diameter, μm		125 ± 1
Noncentricity, μm		< 0.5
Core NA		~ 0.3
Optical loss (1550 nm), dB/km		< 5
MFD @1550, mkm		~ 4

Other parameters including core NA > 0.6 (pure GeO_2 core) are available on the request