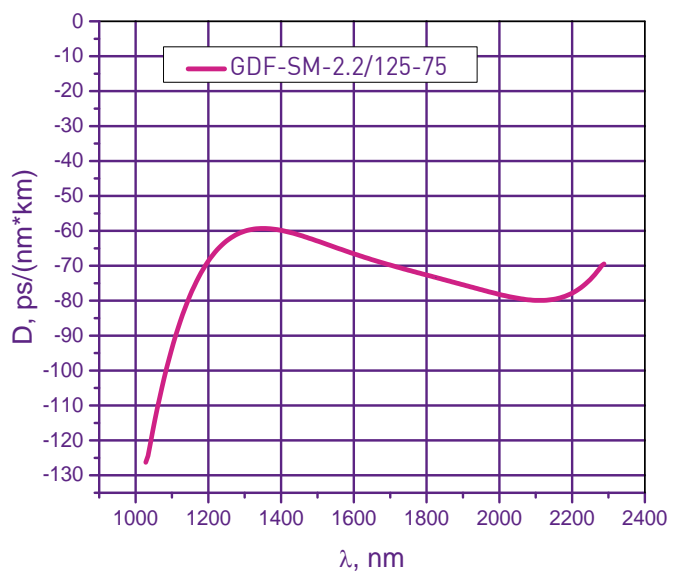
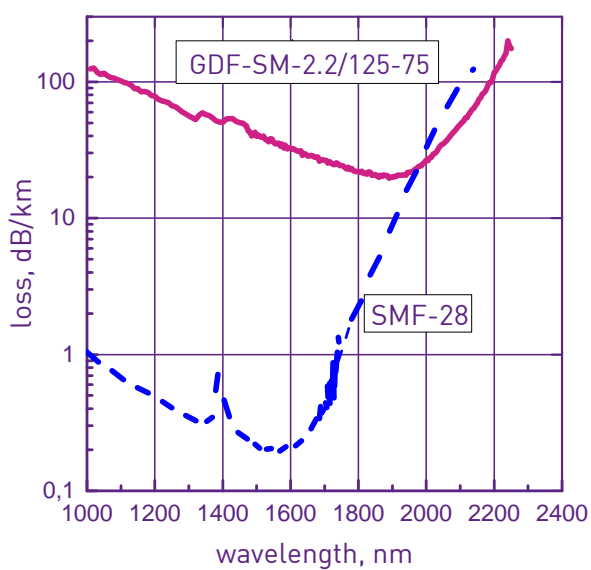


# SPECIALTY FIBER GERMANATE GLASS CORE FIBER

HIGH NON-LINEAR

## ARTICLE GDF-SM-2.2/125-75

Germinate glass core fiber GDF-SM-2.2/125-75 series is highly Ge-doped silica fibers used for variety of nonlinear applications.



FIBER SPECIFICATIONS	GDF-SM-2.2/125-75
Core diameter, $\mu\text{m}$	2.2
Clad diameter, $\mu\text{m}$	125
Delta n	0.11
GeO <sub>2</sub> concentration, %	75
Cutoff wavelength, $\mu\text{m}$	1.4
Minimum loss (at ~1850-1700 nm), dB/km	~ 20

# SPECIALTY FIBER GERMANATE GLASS CORE FIBER

HIGH NON-LINEAR

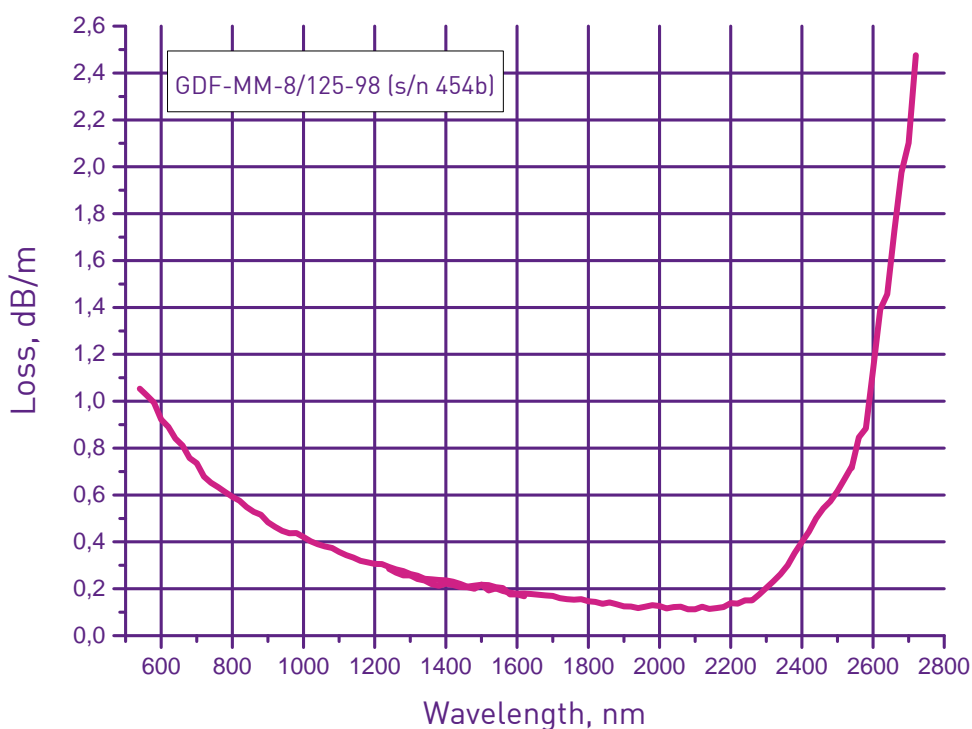


info@amstechnologies.com  
www.amstechnologies-webshop.com



## ARTICLE GDF-MM-8/125-98

Germanate glass core fiber GDF-MM-8/125-98 is used for a variety of nonlinear applications.



FIBER SPECIFICATIONS	GDF-MM-8/125-98
Core diameter, $\mu\text{m}$	8 x 7 (elliptical)
Clad diameter, $\mu\text{m}$	125
Coating diameter, $\mu\text{m}$	250
Delta n	0.14
GeO <sub>2</sub> concentration, %	98
Cutoff wavelength, $\mu\text{m}$	~ 0.7
Attenuation (at 1550nm), dB/km	200
Attenuation (at 2100nm), dB/km	110
Attenuation (at 2300nm), dB/km	200
Splicing loss with ordinary fiber, dB	~ 1