

# Highly birefringent all-normal dispersion silica fiber with flat dispersion profile in the 1200–2100 nm wavelength range

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We present a polarization-maintaining all-normal dispersion fiber with flat dispersion profile over the range of 1200–2100 nm. The fiber possesses the solid core of an elliptical shape that enables high birefringence (with polarization extinction ratio of  $> 22$  dB) and also allows for low-loss fusion splicing to conventional Panda fiber.

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