

REDUCED-DIAMETER BEND-INSENSITIVE SINGLE-MODE 80 μM CLADDING DIAMETER *VSS700-BI80*

Applications

- Telecom Optical Components
- Small foot-print devices
- Tight-bend applications
- Stringent cable designs
- Silicon Photonics applications

Features

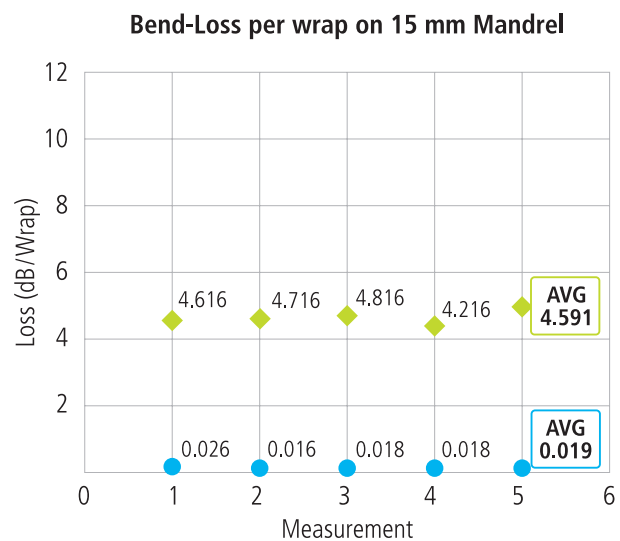
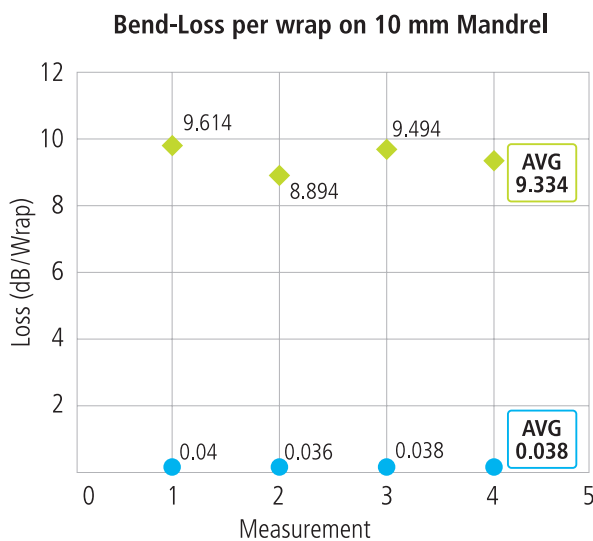
- Attenuation < 0.3 dB/km @ 1550 nm
- Extremely low bend-loss
- MFD compatible with standard 125 μm SMF for low-loss splicing
- Tight clad diameter tolerance +/- 1μm
- Available with standard acrylate coating for telecom applications
- Available with high temperature coatings

Fiber Properties

- Numerical Aperture: 0.12
- Cutoff λ: 1250±50 nm
- Clad Diameter: 80 μm
- Proof-test Level: ≥100 kpsi
- Macro-bend Loss @ 1550 nm: ≤ 0.1 dB/wrap, 10 mm diameter mandrel

PERFORMANCE

AFL 80 μm Clad – 0.12 NA vs. Commercial 80 μm Clad – 0.12 NA



◆ Commercial ● AFL