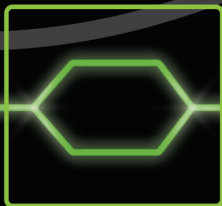
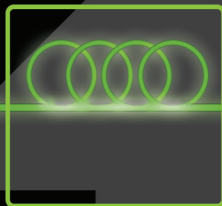


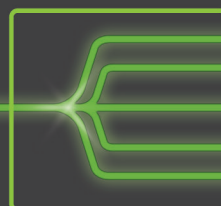
*NU*COMM™



Modify



Amplify

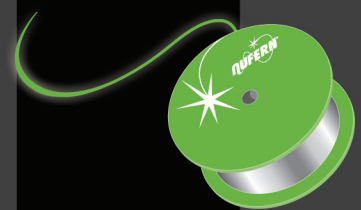


Transform



Specialty Fiber

Transforming, Amplifying and Modifying
Long Haul and FTTH Networks



The Next Generation of Specialty Fibers for Communications

Rapidly transforming volumes of data accurately at high rates of speed is essential for all next generation communication systems. NuCOMM™ fibers provide optimized performance, enhanced safety, and increased mechanical reliability for telecom and datacom applications. Producing high quality fibers requires a facility and team committed to and focused on specialty fibers. Nufern has the proven experience and a first class fiber fab dedicated to this transformational technology.



www.nufern.com



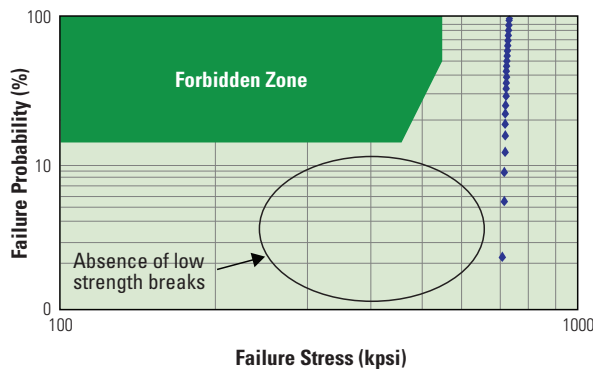
Optical Benefits

- Extremely consistent lot-to-lot performance minimizes customer testing, optimization and related manufacturing costs
- Designed to easily splice to long haul fibers and jumpers
- Telcordia specifications and controls on all standard specialty products
- PM fibers featuring superior birefringence specifications

Mechanical Benefits

- Extremely high strength, high fatigue failure resistant fibers reduce risk of failure due to handling in component manufacturing processes
- Where necessary, these fibers are available in V0 rated Low Smoke Zero Halogen 900 μm Serialized Buffers for safe usage in a diverse range of applications
- Aerospace qualification available on most fibers in category
- PM fibers prooftested to 200 kpsi and available with 250- μm or 400- μm coatings

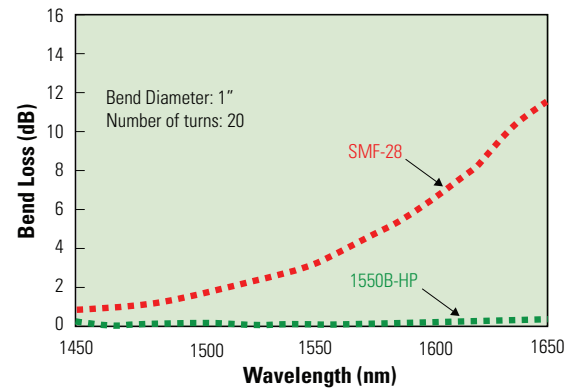
Weibull Probability Plot



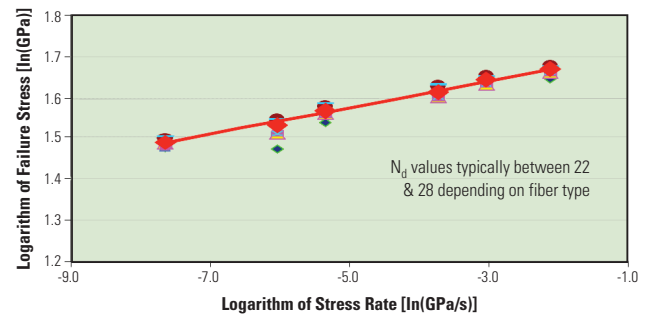
Typical Applications

- PM & bend insensitive telecom component pigtailed
- Robust long-lived jumpers
- Active fibers for amplifiers
- Photosensitive fibers for making Bragg grating filters & reflectors
- Ultra high NA spliceable fibers for mode field matching
- Small diameter fibers for miniaturization

Bend Loss Comparison



Stress Corrosion Parameter



Powered by Nufern

- Industry benchmark NuPOWER™ fibers used throughout
- NuPANDA™ superior PM fibers for all your telecom and datacom needs
- Toll-free help line: 1-888-NU-HELPS
- Commitment to R&D, our customers and our community
- Comprehensive IP and patent portfolio

