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TECHNOLOGY GROUP

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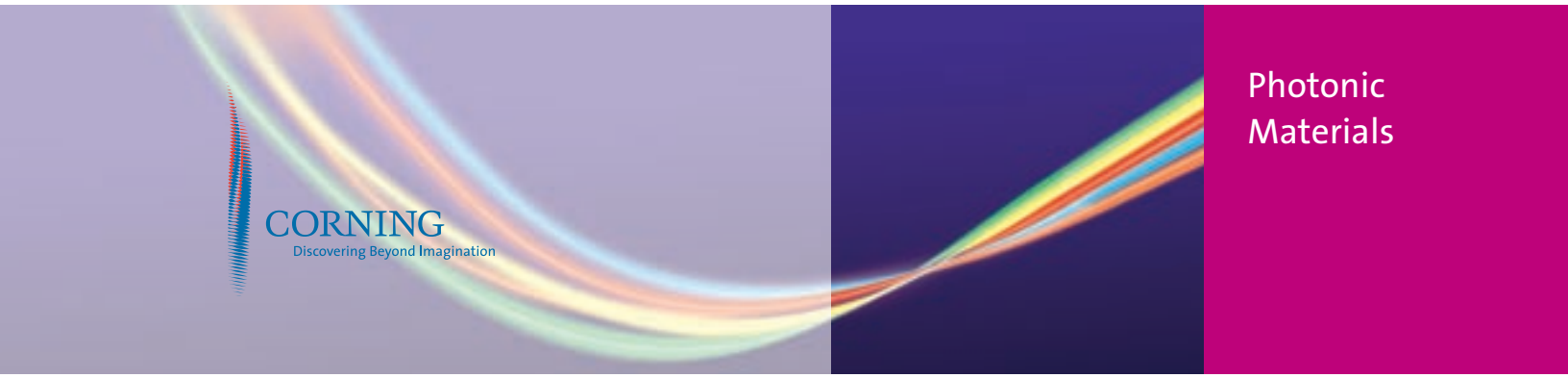
Expert team | Trust guarantee | 100% satisfaction

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Find the *LIGHTech LT1100* at our website: *Click HERE*

Corning® HI 1060 Specialty Fiber

Single-mode Component Fiber for High Performance Photonic Applications



PI1263
Issued: August 2003
Supersedes: March 2003

Manufactured with Corning's patented outside vapor deposition process, Corning HI 1060 Specialty Fiber offers world-class durability and reliability. When used as component pigtails, this fiber allows for efficient fiber coupling within photonic products.

Applications

- Photonic products and fused fiber couplers
- Component fiber for EDFAs, couplers, other DWDM components
- Laser diode pigtails

Features

- Patented outside vapor deposition process provides outstanding consistency and uniformity
- Dual acrylate coating system provides excellent protection from microbend-induced attenuation
- Excellent geometry control
- High core index of refraction
- Efficient coupling
- High numerical aperture

Key Optical Specifications

Maximum Attenuation	2.1 dB/km @ 980 nm 1.5 dB/km @ 1060 nm
Cutoff Wavelength	920 nm ± 50 nm
Mode-field Diameter	5.9 µm ± 0.3 µm @ 980 nm 6.2 µm ± 0.3 µm @ 1060 nm

Key Geometric Specifications

Cladding Outside Diameter	125 µm ± 0.5 µm
Coating Outside Diameter	245 µm ± 10 µm
Core-to-cladding Offset	≤ 0.3 µm

Performance Characterizations

Operating Temperature	-60°C to 85°C
Nominal Delta	0.45%
Numerical Aperture (Typical)	0.14
Standard Lengths	0.5, 1, 2, 5 km
Proof Test	100, 200 kpsi

For More Information

For more information about Corning's leadership in specialty fiber technology, visit our website at www.corning.com/photonicmaterials.

To obtain additional technical information or an engineering sample, or to place an order for this product, please contact us:

Phone: +1-607-974-9974
Fax: +1-607-974-4122
E-mail: specialtyfiber@corning.com

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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