When Corning invented optical fiber more than 50 years ago, it began a telecommunications revolution that continues to shape the world. With a history of life-changing innovations and commitment to total quality in every aspect of our operation, we continue to deliver industry-leading products, improved attribute performance and best price-value for our customers. Our state-of-the-art manufacturing processes provide large-scale capacity to meet industry requirements and the needs of our global customers.

Submarine Fiber Portfolio

Next-generation subsea systems
seamlessly connect global cloud and content provider networks with low latency and higher capacity

Vascade® EX2000 fiber
An ultra-low-loss, large effective area fiber for submarine SDM systems, allowing for longer reach and maximizing overall capacity per cable.

SMF-28® ULL S+ fiber
For cost-optimized undersea SDM systems in or near the linear power regime, it offers industry-leading attenuation, large-scale manufacturing capacity, and options for higher density.

Traditional subsea systems
maximize capacity per fiber while providing ultra-low loss and very large effective area solutions

Vascade® EX2000 fiber
A combination of ultra-low loss and large effective area enable this fiber to be an optimal design choice for traditional subsea systems, where maximizing capacity per fiber is key.

Vascade® EX3000 fiber and Legacy Vascade® fibers
Largest $A_{eff}$ fiber & Legacy fibers are available to support new and existing systems.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Industry Standard</th>
<th>Coating Diameter</th>
<th>Typical 1550 nm Attenuation</th>
<th>Typical Effective Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vascade® EX2000 fiber</td>
<td>ITU-T G.654.D</td>
<td>250 &amp; 200 µm</td>
<td>0.150 dB/km</td>
<td>115 µm²</td>
</tr>
<tr>
<td>SMF-28® ULL S+ fiber</td>
<td>ITU-T G.654.C</td>
<td>242 &amp; 200 µm</td>
<td>0.158 dB/km</td>
<td>82 µm²</td>
</tr>
<tr>
<td>Vascade® EX3000 fiber</td>
<td>ITU-T G.654.D</td>
<td>250 µm</td>
<td>0.150 dB/km</td>
<td>153 µm²</td>
</tr>
</tbody>
</table>

All fiber types are available with ColorPro® identification technology.
Terrestrial Fiber Portfolio

New long-haul & data center connections are more complex, seamlessly connecting to subsea systems and providing scalable capacity and higher data rates for future networks.

**SMF-28® ULL fiber with advanced bend**
Meeting macrobend loss requirements of the ITU-T G.657.A1 standard, this best-in-class fiber preserves the lowest loss and highest potential capacity in the installed cable with lower latency.

New ultra-long-haul backbones enable the highest possible optical transport capacity and lower latency.

**TXF® fiber**
Combining both ultra-low loss and large effective area, TXF fiber offers the longest reach over ≥ 800G data rates, providing cost-effective long-haul transport capacity.

Traditional long-haul systems were built using lower dispersion fibers to satisfy the global demand for bandwidth.

**SMF-28® ULL fiber**
ITU-T G.652-compliant and compatible with legacy single-mode fibers, SMF-28 ULL fibers extend optical reach at very high data rates and scale to higher capacities as bandwidth demand grows.

**LEAF® fiber**
With industry-leading polarization mode dispersion specifications and the lowest attenuation of any non-zero dispersion-shifted fiber (NZDSF), LEAF fiber is the world’s most widely deployed NZDSF.

<table>
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<tr>
<th>Product Name</th>
<th>Industry Standard</th>
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<th>Typical 1550 nm Attenuation</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SMF-28 ULL fiber with advanced bend</td>
<td>ITU-T G.652.B</td>
<td>242 &amp; 200 µm</td>
<td>0.158 dB/km</td>
<td>82 µm²</td>
</tr>
<tr>
<td></td>
<td>ITU-T G.654.C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TXF® fiber</td>
<td>ITU-T G.654.E</td>
<td>242 µm</td>
<td>0.166 dB/km</td>
<td>125 µm²</td>
</tr>
<tr>
<td>LEAF® fiber</td>
<td>ITU-T G.655.D</td>
<td>242 µm</td>
<td>0.189 dB/km</td>
<td>72 µm²</td>
</tr>
</tbody>
</table>

*All fiber types are available with ColorPro® identification technology.*