Fujikura PANDA fibers have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have a universal quality with not only low polarization crosstalk and low attenuation but also the broad suitability for fusion-splice or optical connector.

### Features
- Low Loss
- Low Polarization Crosstalk
- High reliability

### Applications
- Pigtail for LD and Modulator and any polarization dependent devices
- 0.98 μm or 1.48 μm Pump LD stabilizer
- PMD Compensator for High speed system
- Materials for Optical Fiber Devices such as PM Fused Coupler
- Ultra-high-speed transmission system with erbium doped or dispersion compensating PANDA fibers
- Sensing Fiber
- Up to 300 degC ambient use (Polyimide coating)
## PANDA fiber specifications

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>λ₀</th>
<th>MF diameter</th>
<th>Concentricity error</th>
<th>Cladding major diameter</th>
<th>Attn.</th>
<th>Cut-off wavelength</th>
<th>Polarization Crosstalk</th>
<th>Beat Length</th>
<th>Coating Structure</th>
<th>Coating diameter</th>
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<td>Polarization Cross talk (dB)</td>
<td>Beat Length (m)</td>
<td>Coating Structure</td>
<td>Coating diameter (μm)</td>
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<td>Fiber Type</td>
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<td>Concentricity error</td>
<td>Cladding major diameter</td>
<td>Attn.</td>
<td>Cut-off wavelength</td>
<td>Polarization Crosstalk</td>
<td>Beat Length</td>
<td>Coating Structure</td>
<td>Coating diameter</td>
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<td>145 +/-10</td>
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</table>

(*) Tolerance: +/-0.5 \( \mu m \)  
(**) Measuring wavelength at 630 nm  
(***) Measuring wavelength at 405 nm. The others are at \( \lambda_0 \).

1) Standard proof test minimum is 1%. 2% proof test fiber is available. (P/N : SM15-PS-U40D-H for example)  
2) Panda fiber for Erbium-doped (P/N : ED15-PS-U25A or ED98-PS-U25A) are also available.  
3) Underlined fiber types are new products.  
4) The exports of these products are controlled under Foreign Exchange and Trade Law of Japan.