Panda Connectors

All of Fujikura’s PANDA components, can be supplied connectorised with either SC or FC connectors. We also supply patchords and Pigtails\(^1\).

Our ceramic capillaries are specifically designed for use with PANDA fiber in view of minimising thermal and mechanical stresses.

Fujikura are the OEM manufacturer of Panda fiber, and that puts us in a unique position to offer 100% of your PANDA component, and connectorisation requirements.

<table>
<thead>
<tr>
<th>Polishing Method</th>
<th>Super PC (SPC)</th>
<th>Angled PC (APC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion loss</td>
<td>(\leq 0.5)dB</td>
<td>(\leq 0.5)dB</td>
</tr>
<tr>
<td>Return loss</td>
<td>(\geq 40)dB</td>
<td>(\geq 60)dB</td>
</tr>
<tr>
<td>Polarisation Crosstalk</td>
<td>(\leq -25)dB</td>
<td>(\leq -25)dB</td>
</tr>
<tr>
<td>Axial Alignment</td>
<td>+/- 3°</td>
<td>+/- 3°</td>
</tr>
</tbody>
</table>

Unless otherwise ordered, the stress applying axis is aligned to the keyway.

\(^1\) (See our Cable network components brochure for details of pigtails, patchords, ribbon fiber connectorisation, and fan outs for networking applications.)
Connectorisation Options

We are able to offer several options on connectorised PANDA fibres;

**Connector types:**
SC and FC connectors are both available in polarization maintaining form.

**Polishing method:**
We can offer blank, PC, Super PC, Ultra PC or Angled PC (8° or 9°) polishes in any combination with our connectors.

**Fibre type:**
1300nm and 1550nm transmission wavelength PANDA fibres (SM13P and SM15P respectively) are each available with 400 or 900 micron coatings.

**Other options:**
Our connectorised cords can also be produced multi-fibre. One or both ends may be connectorised, and a variety of cord sizes are available. Not all fibre and cord sizes are available with each connector. For full details, please ask to see our CNC Catalogue.