SENKO’s NEW MPO Plus MT 16 and 32 Fiber ferrules are designed to meet the new TIA604-18 standard which addresses 16 fiber hole width MPO requirements. Available in single row 16 fiber and 32 fiber 2x16 configurations. MM version available for 100G and 400G parallel optics applications. A special Guide pin designed for 16 and 32 fiber is required. A new spec of Guide pin to Guide pin pitch of 5.3mm is applied.

<table>
<thead>
<tr>
<th></th>
<th>16 FIBER</th>
<th>32 FIBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>IL Typical vs Reference connector</td>
<td>0.20dB</td>
<td>0.25dB</td>
</tr>
<tr>
<td>IL Max vs Reference connector</td>
<td>0.60dB</td>
<td>0.60dB</td>
</tr>
<tr>
<td>IL Typical Random Mating</td>
<td>0.25dB</td>
<td>0.30dB</td>
</tr>
<tr>
<td>Return Loss</td>
<td>25dB</td>
<td>25dB</td>
</tr>
<tr>
<td>Recommended PIN Used</td>
<td>MM Pin</td>
<td>MM Pin</td>
</tr>
</tbody>
</table>

**Features**

- 16 fiber and 32 fiber MT MM Ferrule
- One row of 16 fiber or 2 row of 16 fiber (= 32 Fiber)
- New Pin to Pin width of 5.3mm
- New pin OD Spec of 0.55mm
- New MT Specification being standardized by TIA 604-1(FOCIS 18) and IEC (61754-7-3)

* Above number is only achievable when using SENKO Recommended Reference Jumper, Polishing process and testing method

* For MM 16 Ferrule standard 10N Spring to be used
* For MM 32 Ferrule High pressure 20N Spring to be used

www.senko.com/mpoplus
Senko’s MPO Plus MT ferrules are the most common used MT Ferrule in the market which gives the best combination of easy-to-use and low insertion loss. The SM Low Loss and MM Low Loss now guarantees the industries lowest insertion loss of 0.25dB, which exceeds the IEC 61755-3-31 Grade B Requirement. Quality, Price, durability and ease of assembly makes Senko’s MPO Plus MT ferrules your best choice.

**MPO PLUS® Premium Connector**
The improved MPO Connector. Your first Choice
- HD Push Pull tab ready
- Flex Angle boot ready
- Various boot available

**MPO PLUS® Bayonet Connector**
The Smallest Housed MPO connector in the world.
Total Length 18.5mm
- Simple Bayonet turn for Engage and Disengage
- Works with all standard MPO hardware

**MPO PLUS® Mini Connector**
Simplified Gender and Polarity changes
Total length 37mm (for 3mm round boot)
Polarity change without a tool
- HD Push Pull tab ready
- Various boot available

**MPO PLUS® Latch Connector**
A new concept MPO with a latch.
Easy plug-in and plug-out with a single latch.
- Various boot type available
- Flex angle boot ready

**MPO PLUS® Micro Connector**
MPO Connection with no housing.
The smallest footprint you can achieve.
- Insert and removable tool available

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