With the large capacity of optical communication needed for expanding applications, especially in data centers, the number of fiber core mounted in MPO connectors is also expanding.

MPO connectors of 1 row with 12 core and 2 rows with 24 core are common, and the MPO-16 expanded to 1 row with 16 core has been introduced, and so the importance of cleaning is also increasing.

The NEOCLEAN-M for 12-core systems and the NEOCLEAN-M2 for 16-core systems respond to the need for endface cleaning.

**MPO, MTP™ Connector Cleaner**

**NEOCLEAN-M, NEOCLEAN-M2**

- **Simple to Operate**
  - Just insert into the optical port and pushing presses the cleaning cloth against the connector’s end face and moves it the predetermined amount and cleaning is complete. Plugs can be cleaned by installing the attachment.

- **High Cleaning Performance**
  - The specialized microfiber cleaning cloth removes even the smallest dirt. Since it is a dry cleaning, there is no wiping strip residue, a problem in solvent cleaning. It provides over 600 cleaning times.

- **Compatible with MPO and MPO-16**
  - The M and M2 have optimized structures for perfectly cleaning the 12 and 16 fiber optical cores of MPO and MPO-16 connectors without interfering with the guide pins. The configurations match the MPO and MPO-16 keys to prevent erroneous insertion.

**Cleaning Performance**

- **MPO**
  - 24 core: About 3.6mm

- **MPO-16**
  - 32 core: About 4.1mm
# Product Specification

<table>
<thead>
<tr>
<th>Product</th>
<th>NEOCLEAN-M</th>
<th>NEOCLEAN-M2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>ATC-NE-M1</td>
<td>ATC-NE-M2</td>
</tr>
<tr>
<td>Compatible Connectors</td>
<td>MPO, MTP™ core: ~8, 12, 12×2 etc.</td>
<td>MPO-16, MTP™-16 core: 16, 16×2</td>
</tr>
<tr>
<td>Compatible End Face</td>
<td>PC, APC (with pin, no pin)</td>
<td>PC, APC (with pin, no pin)</td>
</tr>
<tr>
<td>Usages</td>
<td>over 600 times</td>
<td>over 600 times</td>
</tr>
<tr>
<td>Size(mm)</td>
<td>L197 x W15 x H51 (no attachment)</td>
<td>L197 x W15 x H51 (no attachment)</td>
</tr>
<tr>
<td></td>
<td>L208 x W17 x H51 (with attachment)</td>
<td>L204 x W15 x H51 (with attachment)</td>
</tr>
</tbody>
</table>

## Cleaning operation

- **Cleaning adaptors**
- **Attach the cap to clean plugs**

“MTP” is a registered trademark of US Conec Ltd. Other company names, product names, etc. recorded herein are trademarks or registered trademarks of each respective company.

## For more information


---

**NTT Advanced Technology Corporation**

Optical Products Business Unit  
NTT Musashino R&D Center, 3-9-11, Midori-cho, Musashino-shi, Tokyo, 180-0012, Japan  
TEL: +81 422 39 8934, FAX: + 81 422 39 8935