MPO/MTP® Patch Cables
Fiber Optic Cabling Solutions for Data Centers

SQS offers complete optical fiber solutions for data centers and other applications with high connection density (up to 24 optical fibers per connector).

Pre-connectorized optical cables by SQS feature low attenuation and long service life. Based on customer specifications, SQS manufactures and supplies pre-terminated cabling tailored to customer applications.

SQS multi-fiber optical cables are terminated by USconec MTP® connectors. MTP cabling is fully compatible with MPO cabling from other manufacturers.

The SQS production of pre-terminated cabling is subject to strict output control and the products meet all corresponding IEC standards.

### MPO/MTP® Trunk Cables
- Type A (straight) or type B (reversed)
- Fiber count: 8, 12 or 24
- Fiber type: OS2, OM1, OM2, OM3 or OM4
- Round cable, ribbon cable, bare ribbon
- Operating temperature range: -20 to +70°C
- Note: Unique serial number on all connectors

### MPO/MTP® Fan Out Cable 1x2
- Straight and reversed type available
- Fiber count: Typically 24 to 2 x 12
- Fiber type: OS2, OM1, OM2, OM3 or OM4
- 2x round cable 3mm
- Operating temperature range: -20 to +70°C
- Note: Unique serial number on all connectors

### MPO/MTP® Fiber Fan Out
- Fiber count: 8 or 12
- Fiber type: OS2, OM1, OM2, OM3 or OM4
- Fiber Color coding: TIA-598-C or customized
- Output connectors: LC, SC, F3000, E2000
- Operating temperature range: -20 to +70°C
- Note: Unique serial number on all connectors

### MPO/MTP® Harness Cables (Metal FO box)
- Fiber count: 8, 12 or others
- Fiber type: OS2, OM1, OM2, OM3 or OM4
- Input: Round cable, ribbon cable, bare ribbon
- Output: Loose tube 1600μm, 2000μm
- Output connectors: LC, SC, F3000, E2000
- Operating temperature range: -20 to +70°C

For more information contact us at +420 493 765 111 or sales@sqs-fiberoptics.com
SQS Vláknová optika a.s., Komenského 304, 509 01 Nová Paka, Czech Republic
www.sqs-fiberoptics.com
MPO/MTP® Patch Cables
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**MPO/MTP® Harness Cables (Plastic FO box)**
- Fiber count: 8 or 12
- Fiber type: OS2, OM1, OM2, OM3 or OM4
- Input: Round cable, ribbon cable, bare ribbon
- Output: Loose tube 900µm or 1600/2000µm (8 fibers only)
- Output connectors: LC, SC, F3000, E2000
- Operating temperature range: -20 to +70°C

**MPO/MTP® LGX Cassette + LC DX Patchcord**
- Fiber count: 24
- Fiber type: OS2, OM1, OM2, OM3 or OM4
- Input interface: LC DX adapters
- Output interface: MPO/MTP®
- Operating temperature range: -20 to +70°C
- Metal housing, black color
- LC Patchcord available in version: A-to-A or A-to-B
- Cable type: Duplex cable, round cable (heavy duplex)

**Connector Type**

<table>
<thead>
<tr>
<th>Category</th>
<th>MPO/MTP®</th>
<th>LC, SC, E2000, FC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Type</td>
<td>Elite</td>
<td>Standard</td>
</tr>
<tr>
<td>Insertion Loss (ILF/FIL) [dB]</td>
<td>SM</td>
<td>SM</td>
</tr>
<tr>
<td>Return Loss (RL) 8° APC [dB]</td>
<td>&gt;= 60°</td>
<td>&gt;= 60°</td>
</tr>
<tr>
<td>Return Loss (RL) 0°PC [dB]</td>
<td>&gt;= 40°</td>
<td>&gt;= 40°</td>
</tr>
</tbody>
</table>

1. IL test according to IEC 61300-3-4
2. RL test according to IEC 61300-3-4

**Cable type**

- **Ribbon**
  - Green Color
- **Ribbon cable (oval)**
  - Green Color
- **Round cable - Indoor**
  - Aqua Color
- **Round cable - Outdoor**
  - Magenta Color
- **Round cable - Universal**
  - Yellow Color

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