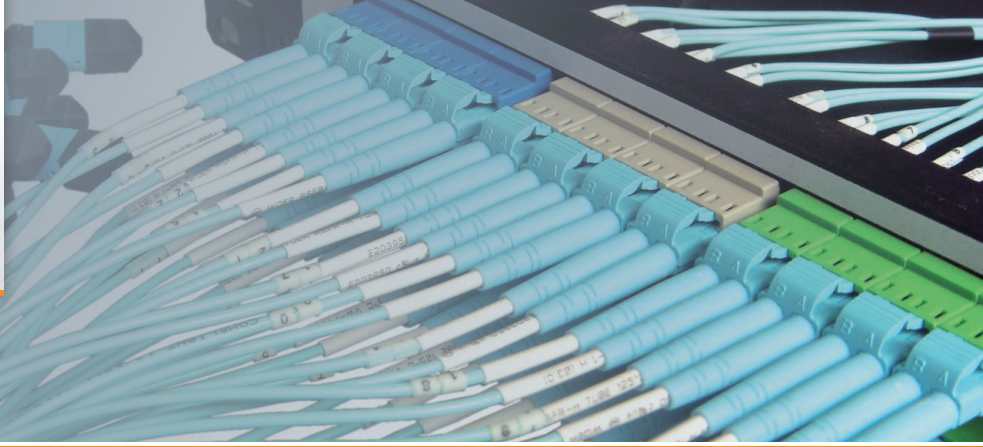




**KOSMOS  
TECHNOLOGY**

*You are in good hands*



# Patch cords & MTP/ MPO products

Mosaic Optics supply high quality patch cords and MTP/MPO cable assemblies, manufactured in an ISO9001 approved facility. All products are RoHS & REACH compliant and conforming to IEC, TIA/EIA and Telcordia specifications.

## Patch cords

We design various solutions for pre-terminated patch cords to meet different project needs, indoor or outdoor. Our experience in cables makes Mosaic Optics patch cords ideal for high precision and high-performance optical applications.

### Features:

- SC, LC, ST, FC, MU, MTRJ and E2000 connectors
- UPC and APC connectors
- Available in standard and custom lengths
- Full test certificate with each assembly
- 100% tested for insertion loss and return loss

## MTP/MPO assemblies

To meet the bandwidth requirements from the data centers, Mosaic Optics supply as well fan-out cable assemblies, as trunks, fiber management products etc.

### Applications:

- Optical network testing
- Testing labs
- Critical telecoms and data center applications
- Instrumentation
- Termination houses

## Fan-out cable assemblies (pigtailed)

Ruggedized fan-out assemblies route a single multi fiber MTP connection into multiple discrete connectors. They directly connect MTP cassettes, panels or backbone MTP assemblies to active equipment, saving costly data center rack space while facilitating fiber management.

Offered in standard 12, 24 or 48 core versions with compact rugged micro cable structure. The compact cables optimize cableway usage and improve airflow.

We also offer Low insertion loss Elite assemblies, which are the perfect solution for applications where power budgets are critical.

## MTP/MPO trunk assemblies

Also offered with a compact and rugged micro cable structure, which optimize cableway usage and improve airflow.

### Features:

- OS1/2, OM3, OM4 fiber grades (OM1 and OM2 available)
- 12, 24, 48 core micro cable trunk
- LSZH, OFNP Cable jacket
- Female (standard) and Male MTP connectors
- Polarity A (Standard) B or C
- Factory terminated and tested

## Product range

- Patch cords
- Pigtails
- Adaptors
- Connectors
- MTP/MPO solutions
- Attenuated Patch cords
- Fiber optic cables
- Fiber optic assemblies
- Media converters
- Other equipment

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