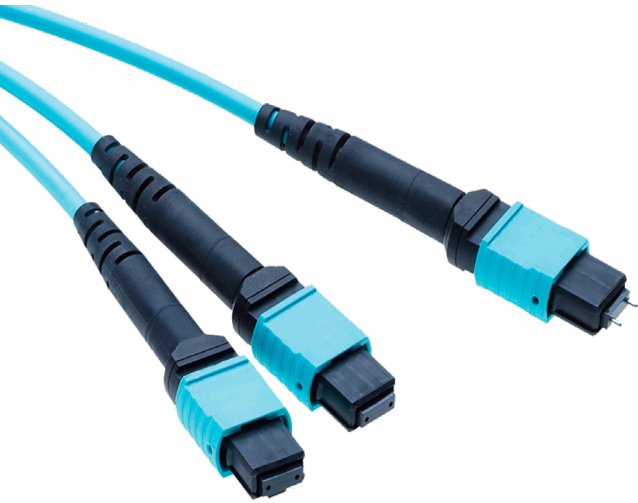


MPO/MTP Trunk Assemblies

The QSFP+ trunk assembly is manufactured for connectivity between QSFP+ transceivers utilising 40GBASE-SR parallel optics. Assemblies are constructed with 12 fibre MPO/MTP connectors. 40G transmission is via 4x10G channels (4x transmitting 4x receiving), trunks can also be used to connect MPO modules. Ultra low loss assemblies are available upon request.



Features:

- OS2, (OM2 - OM4) Fibre grades
- Standard female & male MTP/MPO connectors
- Polarity Options A,B,C available
- Factory terminated and tested

Benefits:

- High quality factory terminated and tested
- Future network proofing - 40/100G parallel optics
- Low loss MPO/MTP and high quality fibre assures low insertion loss
- Rapid Deployment assembly requires no on-site tools to install

Standards Conformance:

- TIA/EIA-568-C.3 and ISO/IEC 11801
- IEC-61754-7
- EIA/TIA-604-5



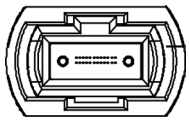
Trunk/patch cords come in male-male (left) and female-female (right) or male to female (bottom)



Applications:

MPO/MTP to MPO/MTP Panel to Panel:

Data Centre Backbone, Storage Area Networks (SAN), Parallel Optics 40G & 100G, Infiniband Compliant



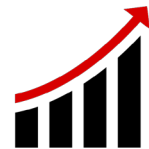
MPO/MTP Interface
12/24 Fibres



Rapid Installation



100% Tested



Performance Optimised

Bandwidth vs Maximum Channel Length

| Application | Wavelength | Maximum Channel Length | | | |
|---------------|------------|------------------------|----------------------|----------------------|----------------------|
| | | OS2 | OM2 | OM3 | OM4 |
| 1 Gb/s | 850 | n/a | 550m | 800m | 1100m |
| 10 Gb/s | 850 | n/a | 82m | 300m | 550m |
| 40 & 100 Gb/s | 850 | n/a | n/a | 100m | 125m |
| 1 Gb/s | 1300 | 5 Km | 550m | 550m | 550m |
| 10 Gb/s | 1300 | 10 Km | 220 (10GBASE-LRM) | 220 (10GBASE-LRM) | 220 (10GBASE-LRM) |
| | | | 300 (10GBASE-LX4) | 300 (10GBASE-LX4) | 300 (10GBASE-LX4) |
| 40 & 100 Gb/s | 1310 | 10/30 Km | - | - | - |