

MTP®/MPO SM CONNECTOR

Properties

- Multifiber connector with 8, 12 or 24 fibers
- Connector consists of MT-ferrule and housing with push-pull-locking
- Application in high-density cabling systems and data center connectivity
- Specification according to IEC 61754-5 (ferrule) and IEC 61754-7 (housing)
- Fiber pitch: 250 µm
- Fiber alignment by guide pins



Materials

Ferrules: composite material
 Connector body: composite

Fiber types

Singlemode: 9/125 µm

Coding / Colour

Fiber #1: White marking
 Release ring: Green

Variants

MTP® female with pin holes
 MTP® male with guide pins

Processing

8° -angled polish with fiber protrusion

Insertion loss

typical: 0.25 dB
 maximum: 0.60 dB

Return loss

typical: 60 dB
 minimum: 55 dB

Cable adaptations available for

8/12-fiber ribbon cable
 Ø 2.9 mm round cable

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
|---------------|------------|------------|------------|------|---------------------------|-----------|------------|
| R.Breitenauer | 2010-12-16 | S. Schmidt | 2010-12-17 | 06 | - | S.Schmidt | 2010-12-17 |

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