# MTP / MPO Cabling System

## MTP® PRO Cable Assemblies

Optec offers MTP® PRO Fiber Assemblies by utilizing the newest MTP® PRO connector, which provides optimal flexibility in the field by bringing simple and robust field configurability, ease of use and enhanced performance to the existing MTP® multi-fiber cabling.

By utilizing the newest MTP® PRO connector, the MTP® PRO fiber assemblies can be reconfigured easily for changing polarity, thus eliminates the need for a skilled technician to remove the connector housing, exposing delicate fibers and putting the cable assembly at risk.

## Features and Applications

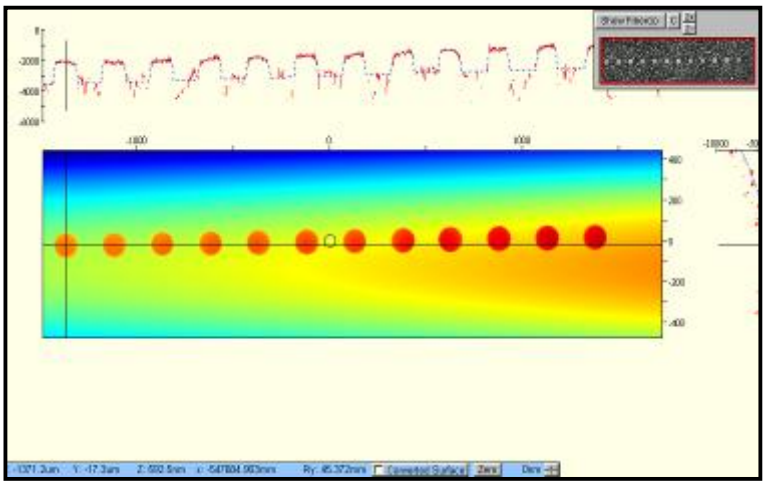
**Integrated Push-Pull Sleeve**
Robust push-pull insertion and extraction housing design for ease of use and access

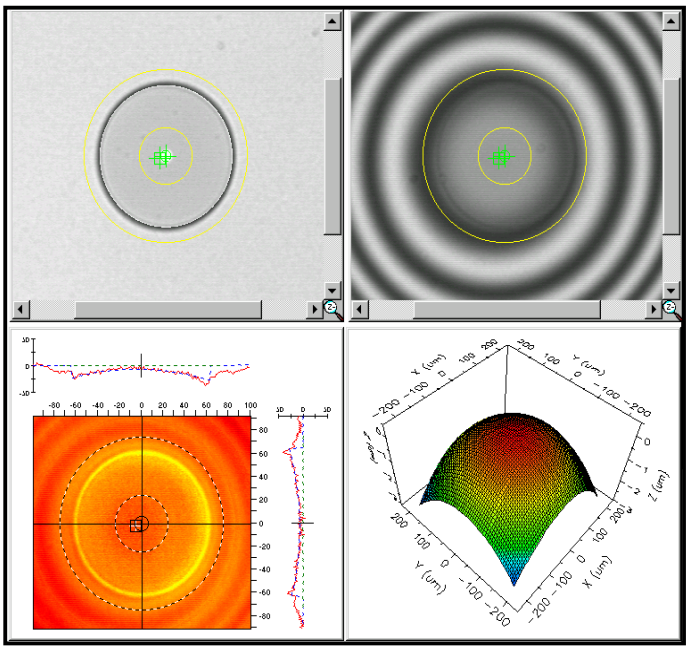
**Robust field configurability for polarity change**
Simple one-step color coded polarity change feature without removing connector housing

**Field pin changeable for optimal flexibility**
Field friendly configuration while maintaining product integrity with safe handling of pins and easy color identification

**Superior optical performance**
Telcordia compliant for end face geometry ensuring low loss budget

*MTP® is the trademark of USConec, MTP® PRO connector is manufactured by USConec.*





# Cable Assemblies Technical Information

*Performance of Assemblies*

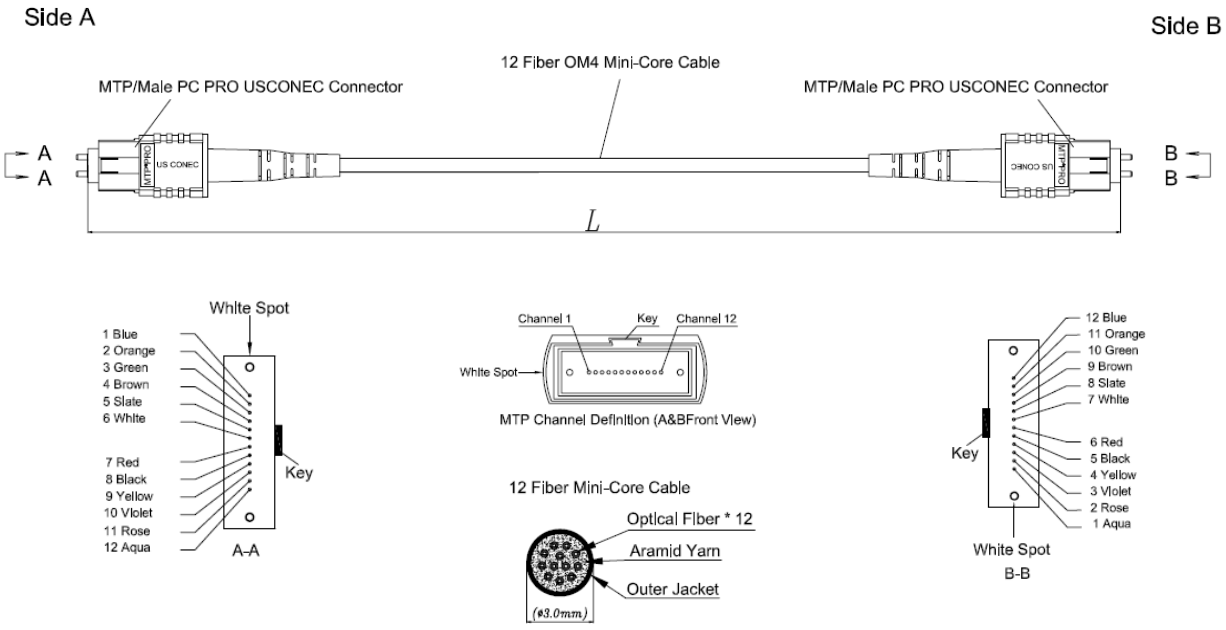
MTP Termination

| Optical Performance ** | | | | |
|---|---|---|---|---|
| Type / Performance | Singlemode (APC polish) | | Multimode (PC / Flat Polish) | |
| | Standard | Elite Low Loss | Standard | Elite Low Loss |
| Maximum Insertion Loss | ≤ 0.75dB | ≤ 0.35dB | ≤ 0.60dB | ≤ 0.35dB |
| Return Loss | ≥ 50dB | | N/A | |
| Operating Temperature | -40°C to 80°C | | -40°C to 80°C | |
| Test Wavelength | 1310nm | | 850nm | |

** Above performance refers to Optec standard grade performance, flexible specification is available to fit for different installation needs, please contact our professional sales team for details

# Assembly Structure Illustration

*Example:* **Item Description:** MTP® PRO Patchcord, 12-Fiber, MTP® PRO (with pin) to MTP® PRO (with pin) , OM4, Mini-Core, Riser (OFNR), Length: 5 Meters




*MTP® is the trademark of USConec, MTP® PRO connector is manufactured by USConec.*

**Optec Technology Limited.**
Unit 1701, 17/F., North Tower, World Finance Centre, 19 Canton Road, Kowloon, Hong Kong.
Tel: +852-2301-8148 | www.optec.com.hk | sales@optec.com.hk