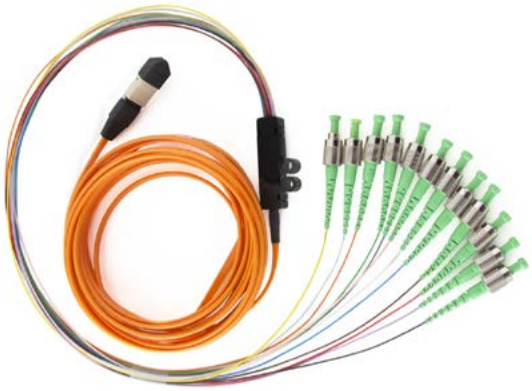
Measurement Devices

OptoTest
Test Solutions for Fiber Optics

LASER COMPONENTS®

HPR

MTP/MPO
High Performance Reference Cables



PRODUCT OVERVIEW

Your fiber optic test equipment only performs as well as the cables used with it. For this reason, OptoTest is proud to offer reference cables to work alongside your test equipment and optimize your experience. For MTP/MPO applications, OptoTest offers **high performance MTP reference cables**.

KEY FEATURES & BENEFITS

- **Exceptional Quality**

  In order to obtain accurate and repeatable results when measuring insertion loss and return loss, the reference cables used must be of impeccable quality. To ensure this, OptoTest cables are manufactured to exceed the FOTP171A (A2.2.1) standard.

- **Variety**

  HPR-MTP cables are available in hybrid / fanout or MTP-to-MTP configurations. The MTP connectors are available in both male and female variants, while the simplex side of the hybrid cables can be terminated with any of the standard simplex connectors (FC, SC, LC, etc.). All connectors meet the standards requirements for the specified connector and polish type (APC or UPC).

- **Non-BIMMF Reference Cords**

  For multimode testing, non-BIMMF reference cables are crucial for maintaining the launch conditions needed to ensure accurate and repeatable measurements. For this reason, OptoTest reference cables for MM testing are made with bend sensitive fiber.

- **12 and 24 Channels Available**

  All HPR-MTP cables are available in 12 and 24 channel options to support the high channel counts and wide variety of your testing needs.

30-DAY GUARANTEE
Our 30-Day Guarantee allows a full refund for any reason.
**See Terms & Conditions for details*

IDEAL FOR TEST ENVIRONMENTS WHERE

- **Pass/fail thresholds leave minimal room for error.**
- **Measurement stability and repeatability are of utmost importance.**

Advancing the World of Fiber Optics®

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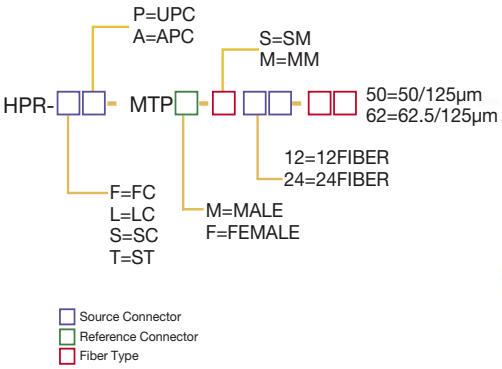
PRODUCT SPECIFICATIONS

HPR MTP/MPO Cables	MM PC (850nm/1300nm)	SM APC (1310nm/1550nm)
Insertion Loss	< 0.25dB	
Return Loss	40dB (50µm) 35dB (62.5µm)	70dB
Fiber height	1000nm to 1700nm	
Max Variation in Fiber Height	500nm	
Max Adjacent Fiber Height Differential	200nm	
Core Dip	< 30nm	

HOW TO ORDER



Keep your cables clean by using one of our "Clean" Products
OP Clean, 25 Clean, 125 Clean

ISO CERTIFIED
Our Quality Management System is certified in ISO 9001:2015.

MADE IN THE USA
We proudly design & manufacture our equipment in California, United States.

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