

OPRH

Remote Head Power Meters

Overview

OptoTest's **Remote Head Power Meters (OPRH)** create a highly adaptable fiber optic test environment when coupled with a supporting mainframe (eg OP940, OP815, etc) and maintain the same high level of accuracy and repeatability as panel mounted detectors.

With its ergonomic design and flexible cable, OptoTest's **OPRH** can be manipulated for use with hard-to-manage test cables. They are also ideal for measuring fibers terminated with simplex connectors such as LC, SC or FC as well as high density connectors such as MTP® or MXC®.

Remote heads are available in **1mm, 3mm, 5mm, and 10mm InGaAs, 2mm high power InGaAs, and 3mm Silicon** varieties. The cable that connects the remote head to the mainframe is typically 40", but can be customized to meet customer requirements.

Features

- 0.02dB accuracy
- Measurement range
 - InGaAs: 1mm, 3mm (0dBm to -72dBm)
 - 5mm (0dBm to -65dBm)
 - 10mm (0dBm to -55dBm)
 - Silicon: 3mm (0dBm to -65dBm)
 - High Power InGaAs: 2mm (+27dBm to -55dBm)
- Remote head is ideal for rigid cables that cannot easily be manipulated to use with a bench-top power meter
- Ergonomic in manufacturing environments
- Interface to all OP mainframes such as OP710, OP815, OP940 with the triaxial port
- Adapters for all common connector types including MTP®, PRIZM®, MXC®, 1.25mm, and 2.5mm
- Bare fiber adapters available for simplex or ribbon fiber



Figure 1: Remote Head Power Meter with 1mm InGaAs detector shown connected to a multimode OP940.



Figure 2: 10mm InGaAs detector (left), 3mm Si detector (right).

NOTE: MTP®, PRIZM®, and MXC® are registered trademarks of US Conec.



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