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Find the *Tektronix OTS9040* at our website: ***Click HERE***

8-Channel Optical Power Meter Module

OTS9681

CHARACTERISTICS

Technical

Wavelength Range - 1290 to 1625 nm.

Auto Ranging - Yes, five stages.

Optical Power Measurement Uncertainty (at 1550 nm and -20 dBm) - ±0.2 dB.

Optical Power Measurement Repeatability*[1] - ±0.01 dB.

Optical Power Measurement Resolution - 0.001 dB.

Noise Equivalent Power - -70 dBm.

Maximum Optical Power*[2] - +10 dBm.

Linearity (-7 dBm to -40 dBm) - < 0.03 dB/dB.

Polarization Dependent Responsivity*[3] - max. ±0.03 dB.

Return Loss (excludes connector reflection) - >40 dB.

Remote Interfaces

GPIB IEEE488.2, 10/100Base-T Ethernet, LabWindows CVI driver.

Physical Characteristics

Applicable Fiber Type*[4] - SM and MM.

Connector Type - FC/PC.

Replaceable Front-panel Adapter - Yes.

Detector Material Type - InGaAs PIN.

Recalibration Period - Power - 1 year.

Dimensions - 1 x 6U cPCI Slots.

Weight - 1.0 kg (2.2 lbs.).

Environmental Specifications

Operating -
Temperature: +0°C to +35°C.
Relative Humidity: 5% to 95% at < +30°C.

Storage -
Temperature: -20°C to +60°C.
Relative Humidity: 5% to 95% at < +30°C.

Quality Standards Met

NIST traceable.

The OTS Family Chassis Dimensions

Chassis	Slot Capacity	H x W x D
OTS9000	14 each 6U cPCI slot capacity	21 in. x 17 in. x 17 in. (533 mm x 432 mm x 432 mm)
OTS9010	8 ea. 6U cPCI slot capacity	10 in. x 17 in. x 14 in. (254 mm x 432 mm x 356 mm)
OTS9040	Without top cover and keyboard: 7 each 6U cPCI slot capacity	11.0 in. x 13.8 in. x 8.3 in. (280 mm x 350 mm x 210 mm)
OTS9040	With top cover, handle and keyboard: 7 each 6U cPCI slot	13.4 in. x 15.6 in. x 10.0 in. 340 mm x 395 mm x 255 mm

	capacity	

*[1] Excludes noise, PDR and range changes.

*[2] When using external attenuator, software supports range >35 dBm.

*[3] At 1550 nm, determined with random states method and FP laser.

*[4] Specifications verified and guaranteed for SM fiber.



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