

MS12-PM Power Meter Module



Product Description

The MS12-PM Power Meter features a unique wide-aperture cavity, also known as integrating sphere technology. The MS12-PM is an economical solution providing excellent linearity, surface uniformity, wide area and repeatable connection loss, even with changing adapters. The MS12-PM is flexible modular power meter with fast response time and is compatible with angled and non-angled polishes. It also provides low polarization dependence.

Ordering Scheme

MS12-PM01

Power Meter

KEY FEATURES

- Uses the same cavity as Return Loss Meters
- Replacement for IQS-9403

APPLICATIONS

- Simplex and Multifiber for high-throughput applications

IN THE BOX

- Power Meter
- Detector Cap
- FC Detector Adapter

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Specifications

OPTICAL/ELECTRICAL SPECIFICATIONS		
Parameter	Specification	
	Single-mode	Multimode
Detector Type	Integrating Cavity	
Insertion Loss Uncertainty (dB)	± 0.03	+/- 0.05
Insertion Loss Stability (dB) ²	± 0.004	± 0.01

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS	
Parameter	Specification
Number of slots	1
Unit Dimensions W x H x D (cm)	3.6 x 12.5 x 28.2
Shipping Box Dimensions W x H x D (cm)	43 x 27 x 47
Unit Weight (kg)	0.8
Total Shipment Weight (kg)	1.4 (depending on number of modules purchased)
Operating Temperature (°C)	0 to 40
Storage Temperature (°C)	-40 to 60
Humidity (Non-condensing)	Maximum 80%, no condensing at 40