

MS12-PM | Power Meter



Product Description

The MS12-PM Power Meter features advanced time-domain technology with a unique wide-aperture cavity, also known as 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 EXFO's IQS-9403

APPLICATIONS

- Simplex and Multifiber for high-throughput applications

IN THE BOX

- Power Meter
- Detector Cap
- FC Detector Adapter

Specifications

OPTICAL/ELECTRICAL SPECIFICATIONS		
Parameter	Specification	
	Single-mode	Multimode
Detector Type	Integrating Cavity	
Insertion Loss Uncertainty (dB)	$\pm 0.03^1$	$\pm 0.07^1$
Insertion Loss Stability (dB) ²	± 0.004	$\pm 0.01^5$

Notes:

¹ For simplex measurements using FC detector adapter. Uncertainty for MTP to MTP, MT-RJ to MT-RJ, MTP to fanout is $\pm 0.06\text{dB}$ (reported with a level of confidence of 95%).
This does not include uncertainties due to connector, connector adapter or switch PDL.»

² For a stable connection over a period of 15 minutes.

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) (°C)	Maximum 80%, no condensing at 40

JGR Optics Inc.

160 Michael Cowpland Dr.
Ottawa, Ontario K2M 1P6 CANADA