

HOPM-3208 Series
Hand-held Optical Power Meter

Technical Specification

Hangzhou Huatai Optic Tech. Co., Ltd

CONTENT

1.0 PRODUCT DESCRIPTION.....	1
2.0 PRODUCT FEATURES.....	1
3.0 MAIN APPLICATION.....	1
4.0 TECHNICAL INDEX.....	2

1.0 PRODUCT DESCRIPTION

With six wavelength calibrating spots (980nm, 1310nm, 1490nm, 1550nm, 1590nm and 1610nm), refined design, easy operation, linearity or non-linearity display, unique FC/SC/ST all-purpose connector, HOPM-3208 is the earliest self-developed hand-held optical power meter of Huatai, which can be used for direct optical power measurement as well as relative measurement of optical link loss. It's an essential test instrument in Optical Communication, CATV system construction and maintenance.

2.0 Product features

- Display maintenance function
- Easy operation, high reliability
- Power shortage alarm
- Unique FC/SC/ST all-purpose connector

3.0 Main application

- PDS of the CATV project
- Optical fiber sensing research
- Teaching and experiment of optical communication
- Optical fiber communication engineering

4.0 Technical INDEX

Model		HOPM-3208
Connector		FC
Wavelength range	(nm)	980,1310,1490,1550,1590,1610
Probe type		InGaAs
Power measurement range	(dBm)	-30~+30
Calibrating wavelength No.		6
Uncertainty		±5%
Display resolution	(s)	Logarithmic display: 0.01dBm
Preheated time		0
Display unit		dB/dBm/W
Display refresh frequency	(Hz)	3
Auto power off time (min.)		Optional
Battery operating endurance time	(h)	>240
Work temperature	(°C)	-10~+50
Storage temperature	(°C)	-25~+70
Relative humidity	(%)	0~95 without condensation
Apparent size	(mm)	175×82×33
Weight	(g)	310
Power supply		3 pcs AA 1.5V battery