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Fiber Power Meter

DATASHEET - Version 1.1



Specification:

- Wavelength: 650 nm (optional 350 nm ~ 1100 nm)
- Attenuation: < 2 dB
- Measurement mode: Absolute value measurement (dBm)
- Measurement period: 3 times per second (LCD modul)
- Measurement range: 10.0 ~ -50.0 dBm
- Resolution: 0.1 dBm
- Accuracy: 0.2 dBm
- Display: 3 ½ digit Sub-miniature LCD Module
- Interface: Analog out.: (resp. customer specified)
 Digital out.: 24- Bit ADC, SPI Interface (LTC2400)
 Reference: 0 ~ +4V (resp. customer specified)
 Default: +3,27675V (16-Bit, 50µV/Bit)
- Connector: HE14, 6-Pins (Supplier: Farnell Nr. 429-612)
- Power: Voltage: AC or DC 9 ~ 12V, 100mA
 Connector: Low voltage 5,1 mm
- Optics: Fiber: Plastic, diameter 1000/2200 µm or 1000/2300 µm
 Length 1m (resp. customer specified)
 Connectors: FSMA (resp. customer specified)
- Housing: Plastic, 50 x 50 x 30
- Weight: 70g
- Accessories: Power Supply, AC230V/DC12V, 1A

Analog/Digital Interface

Pin	Name	Description
1	+5V	Power supply (output)
2	GND	Ground
3	AOUT	Analog Output
4	CS\	Chip Select (active low)
5	SCK	Serial Clock
6	SDO	Serial Data Output