

29500093	<b>DATA SHEET</b>
Valid from: 01.09.2021	<b>POF Optical Power Meter-1 660/850 nm</b>

## Description

- Optical fibre power measurement device
- Suitable for optical power measurement or attenuation measurement in combination with stabilized light source
- Adapters for F-SMA, F-ST, F-05, HFBR available (separately cultivable)



## General characteristics

Optical connection	Changeable adapters, provided with thread
Possible changeable adapter (separately cultivable)	F-SMA (IEC 61754-22) F-ST (IEC 61754-2) F-05 (kompatibel zu TOSLINK) HFBR4501/4521 (Versatile Link Standard)
Power supply	Battery 6V (=4x 1.5V type AA) alternative: external USB-C connection (5V)
Degree of protection	IP20
Temperature range	0 °C to +50 °C (+32 °F to +122 °F) (operation) -20 °C to +70 °C (-4 °F to +158 °F) (storage)
Connections for transmission of transmitter parameters	USB-C socket microSD card slot

## Optical properties

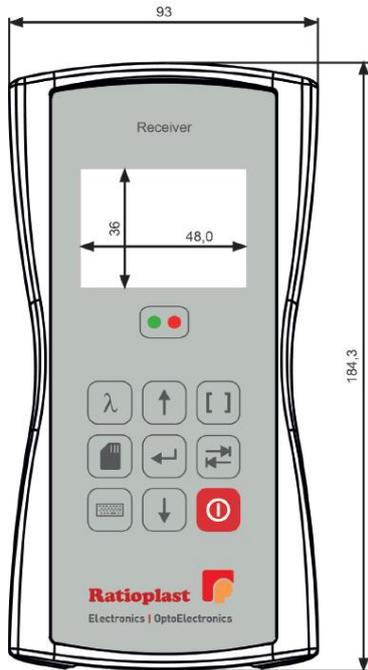
Optical detector	Silizium-PIN-Diode
Detection area	2.65 x 2.65 mm
Measurement range	0.01 to 2000 µW -50.0 to +3 dBm -50 to +33 dB (depending on reference value)
Supported wavelengths (switchable)	660 nm 850 nm

## Mechanical properties

Housing, material	Plastic
Handle, material	Metal

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### Technical drawing



Dimension (without protective cover)

### Application range

Optical installation and quality control, measurement of optical fibre and sensors

### Note

Photographs are not true to scale and do not represent detailed images of the respective products.