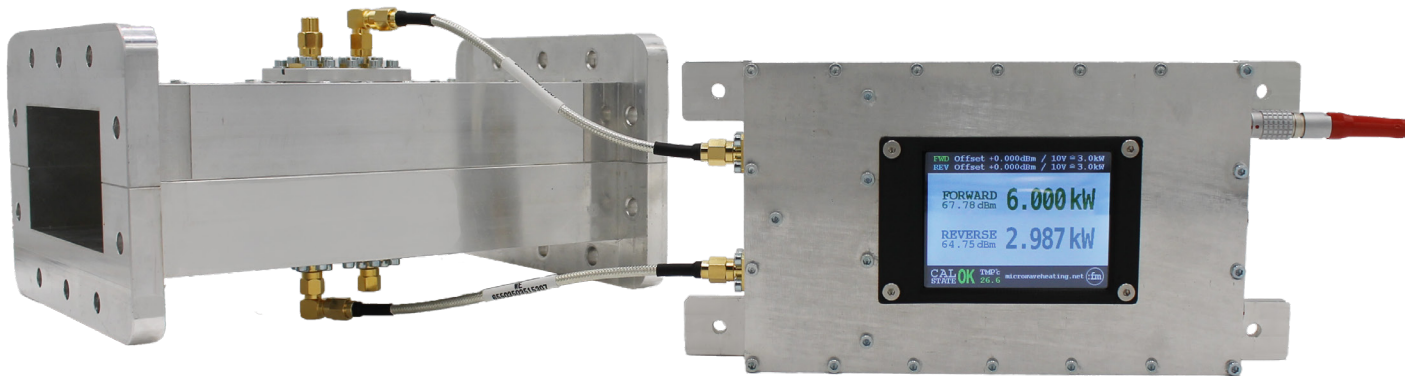




GENERAL INFORMATION

The Waveguide based RF Power Measurement System FM-DCR26PD2CH provides the user a precision stand-alone concept to monitor and document the forward and reverse RF power in the frequency range from 2400 MHz up to 2500 MHz.

To separate the forward and reverse RF power the directional coupler FM-HLR26FD00200FDGX is used. The power detectors FM-PD2CH2450S can be directly connected to the directional coupler. With a customer specific calibration a precision RF power measurement in a power range from 10 Watt up to 10000 Watt is possible.

The software allows the display of the forward and reverse power in Watts as well as in dBm. Furthermore, the power curve is displayed over time. The frequency can be corrected for an accurate measurement (by manual input of the user). After the measurement, the power curves over time can be exported in the various data formats for tabulation.

SPECIFICATION

Electrical and Technical Data

Frequency Range	2400MHz to 2500MHz
Absolute maximum RF input power	70 dBm (10 kW)
Dynamic range	30 dB
Waveguide Flange of the Directional Coupler	IEC153: R26 / EIA: WR340

Scope of Delivery

- Directional Coupler R26
- 1 x FM PD2CH2450S

