

# Microwave Components - Isolator

## FM-I2450M0500W55T



### General Information



### Features

- Designed for industrial heating and plasma process applications
- 500 Watt power capability
- Output load VSWR Protection
- High efficiency water cooling mechanical design in a compact and robust housing

### Specification

#### Electrical and Technical Data

Frequency band	2400 - 2500 MHz
RF maximum output power	500 W 57 dBm
RF power into the load	500 W 57 dBm
Isolation (over Frequency band)	> 20.0 dB
Return loss (over Frequency band)	> 19.0 dB
Insertion loss (over Frequency band)	< 0.2 dB
Monitor coupling (SMA female)	60dB ± 1 dB
RF Connectors	In/Out: 7/16" female, Monitor: SMA female
Water Connector	thread sockets G 1/8"-9

#### Environmental

Environment temperature	+ 10° to + 55° C
Cooling water temperature	+ 10° to + 30° C
Water flow	≥ 8 l/min.
Maximum case temperature	+50 °C

#### Mechanical Data

Dimensions incl. all connectors (WxHxD)	135 x 63,45 x 113 mm
Weight	1.9 kg

