

# Magnetronhead

FM - MH2kW / 2.45 GHz Water cooled



## General Information



### FM - MH2kW / 2.45 GHz Water Cooled

- 2kW HF-Power output
- 2455 MHz
- Integrated filament transformer
- Integrated magnetron, water cooled
- Integrated Temperature switch
- Compact housing
- Interlock: Arc detection and Magnetron over-temperature
- Fully enclosed

## Specification

### Electrical and Technical Data

#### Output

|               |                          |
|---------------|--------------------------|
| Output Power  | 2kW                      |
| Frequency     | 2440..2470 MHz           |
| Output Flange | IEC153: R26 / EIA: WR340 |

#### Magnetron

|                  |                               |
|------------------|-------------------------------|
| Type             | MW2000NNN                     |
| Filament Voltage | 4.6 +0.4/-0.2 V <sub>AC</sub> |
| Filament Current | 19.5 A <sub>AC</sub>          |

### Cooling

#### Water Cooling

|                      |                      |
|----------------------|----------------------|
| Waterflow / Pressure | 2 l/min / 4 bar max. |
| Water temperature    | +20°C to +25°C       |
| Water quality        | clear water          |
| Connector            | 10 mm hose sleeves   |

### Mechanical Data

|                               |                    |
|-------------------------------|--------------------|
| Dimensions of housing (WxHxD) | 305 x 150 x 270 mm |
| Depth with flange             | 369 mm             |

