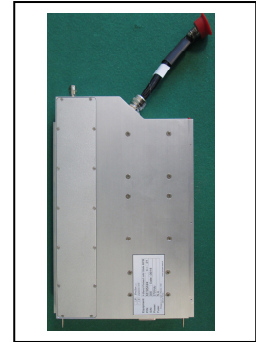


## Product DataSheet:

### MPM 50W Solid state in X Band (8.5-9.5GHz)

MPM is a 50Watt X-Band amplifier (8.5-9.5 GHz) the power supply of the module is 270Vdc. The phase is regulated by a 6-bit phase shifter from 0 to 360 degrees at 5.625 degrees. The module is complete with readings for forward power, reflected power, temperature, protection for max VSWR and max temperature above +70°C.

The RF input connector is of the SMA female type, the RF output connector is of the female TNC type, the typical input power (RF IN) -7 dBm.



#### Key Specifications:

- Frequency range: 8.5 ÷ 9.5 GHz
- Input impedance: 50 ohm
- Output impedance: 50 ohm
- Input Return loss: ≥ 12 dB
- Output return loss: ≥ 15 dB
- Gain: ≥ 54 dB
- Typical input power: -7 dBm
- Phase shifter: 0 ÷ 360° step 5.625°
- Temperature range: -10 ÷ +70°C
- Power Supply: 270Vdc 130mA
- Dimensions: L=180,0 mm P=256,5 mm H=35,0 mm