

Product Overview:

Data

(Aug. 2016)

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

MPM is a 50Watt solid state amplifier in X Band (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 of forward power, reflected power and temperature and protections for VSWR and maximum 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 maximum typical input power (RF IN) is -7 dBm.



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The box is in aluminum L = 180.0 mm P = 256.5 mm H = 35.0 mm.



Key Specifications:

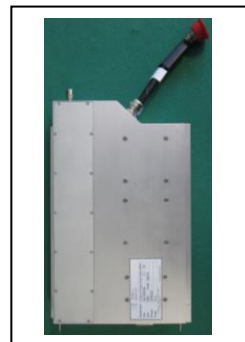
- Frequency range: 8.5 ÷ 9.5 GHz
- Input impedance: 50 ohm
- Output impedance: 50 ohm
- Input Return loss: ≥ 12 dB
- Output return loss: ≥ 15 dB
- Gain: ≥ 54 dB
- Typical input power: -7 dBm
- Phase shifter: 0 ÷ 360° step 5.625°
- Temperature range: -10 ÷ +70°C
- Power Supply: 270Vdc 130mA
- Dimensions: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

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