

500mW Amplifier

COFDM – Video, Audio Telemetry and IP Products

COBHAM

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The most important thing we build is trust



SOLAMP500mW Amplifier (Mounted on an MTX)

The SOLAMP500mW product is a 500mW power amplifier designed specifically to mate with the Cobham SOLMTX transmitter. It is available over the following frequency ranges, 300-450MHz, 1.0-1.5, 1.5-2.0, 2.0-2.5, 3.0-3.5 and 4.4-5.0GHz .

The convenient small size and low power consumption make it the ideal Power Amplifier for applications where space is a premium and when additional range may be required.

Specification:

Input

RF In SMA
Input power 100mW (20dBm)

Output

RF Out SMA
Output power 500mW (27dBm)

RF

Frequency Bands 300 to 450 MHz
1.00 to 1.50 GHz
1.50 to 2.00 GHz
2.00 to 2.50 GHz
3.00 to 3.50 GHz
4.40 to 5.00GHz

Power In 100mW
Power Out 500mW

Physical

Base Unit Weight 150g

Power
Input voltage 11 to 14V
Power Consumption 4W typical

Environment
Temperature Range -10 to +50 deg C

Product Code:

SOLAMP500mW-030045	500mW Amp for SOL4MTX 300 to 450 MHz
SOLAMP500mW-100150	500mW Amp for SOL4MTX 1.0 to 1.5 GHz
SOLAMP500mW-150200	500mW Amp for SOL4MTX 1.5 to 2.0 GHz
SOLAMP500mW-200250	500mW Amp for SOL4MTX 2.0 to 2.5 GHz
SOLAMP500mW-300350	500mW Amp for SOL4MTX 3.0 to 3.5 GHz
SOLAMP500mW-440500	500mW Amp for SOL4MTX 4.4 to 5.00 GHz

For further information please contact:

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