

# 500mW Booster Amplifier

COFDM – Video, Audio Telemetry and IP Products

# COBHAM

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The most important thing we build is trust



SOLAMP500mW booster amplifier

The SOLAMP500mW product is a 500mW booster power amplifier designed specifically to mate with the Cobham SOLMTX Micro transmitter. It is available over the following frequency ranges, 1.0-1.5, 1.5-2.0 and 2.0-2.5GHz .

The convenient small size and low power consumption make it the ideal booster Power Amplifier for applications such as body worn or where space is a premium, but 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 1.00 to 1.50 GHz  
1.50 to 2.00 GHz  
2.00 to 2.50 GHz  
Power In 100mW  
Power Out 1W

### 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-200250	500mW booster PA for Micro Transmitter
SOLAMP500mW-150200	500mW booster PA for Micro Transmitter
SOLAMP500mW-100150	500mW booster PA for Micro Transmitter

For further information please contact:

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