

SOLO 1W Vehicle Amplifier

COFDM – Video, Audio Telemetry and IP Products



Dimension (mm) L 263, W 100, H 64*
Weight 1kg

Power
DC Input 9 to 16V Reverse Polarity Protected
Power Consumption 16W typical

Environment
Temperature Range -10 to +50 deg C

Product Codes:
AMPV1W-030070 Vehicle Power AMP1W 300-700MHz
AMPV1W-310340 Vehicle Power AMP1W 3.10-3.40GHz
AMPV1W-440500 Vehicle Power AMP1W 4.40-5.00GHz
AMPV1W-570590 Vehicle Power AMP1W 5.70-5.90GHz

Product Code Includes:
CA0001 RS232 cable Lemo-Dsub9 3m
CA0154 Vehicle Amp Power/Control Cable
CA0287 1W / 5W Amp 750mm long RF cable

* Specifications may vary depending on frequency

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Compatible with SOLO video transmitters

Specification:

Input

RF In SMA
Power & RF Enable 5 Pin 1B Lemo

Output

RF Out TNC

RF

Frequency Bands 300 to 700 MHz
3.10 to 3.40 GHz
4.40 to 5.00 GHz
5.70 to 5.90 GHz

Power In 100mW
Power Out 1W
Gain 12dB
Power Ripple +/- 1dB across band
Output Matching Matching Circuit immune to open or short

Physical

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Fusion 2, 1100 Parkway
Whiteley, Hampshire
PO15 7AB, UK
T: +44 1489 566 750

DTC - Tampa
3845 Gateway Center Blvd Ste 360
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DTC - Randers
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DTC - Brazil
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São Paulo
T: +55 11 3443 7545

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Products are available to security users in licensed frequency bands. These products are not approved for use by unlicensed users. Commercial products are available if used in appropriate licensed frequency bands.

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