



Counter drone module

Contact person:Albert

<https://veuiu.com>

Email:fpvdrone@mail.veuiu.com

**43dB Gain,20w,CustomizableMHz
amplifier**

Solid state Broadband high power interference source

This module is a 20W solid-state broadband high-power interference source amplifier.Features built-in control and monitoring protection features to ensure high availability.This amplifier is suitable for broadband interference.

Features

Customizable MHz frequency range
Power gain 43 dB

olid-state Class AB Broadband design
Instantaneous ultra broadband
Small and lightweight
High reliability and ruggedness

ELECTRICAL SPECIFICATIONS(,DC= 28V,Load VSWR $\leq$ 1.5))

Description	Symbol	Min	Typ	Max	Unit
Operating Frequency	BW	Customizable			MHz
Output Power CW	Psat			20	W
Power Gain @ Psat	Gp		43		dB
Power Gain Flatness @ Rated PSAT	ΔGp		± 1		dB
Connector type			SMA		
Operating Voltage	VDC	24		28	V
electric current		1.5-2			A

MECHANICAL SPECIFICATIONS

Cooling External HeatSink Needed (Not Supplied)

Length* Width*Height[mm] 100*33*20

Weight[Kg] 0.1

RF Connector Input N/A

RF Connector Output [2.8mm(K),SMA Female]

ENVIRONMENTAL SPECIFICATIONS (Design to Meet)

Module Operation Temperature	-15	60	°C
Storage Temperature Range	-30	65	°C
Relative-Humidity	N/A		
Altitude	N/A		
Vibration/Shock	N/A		

LIMITS

Input RF drive level without damage	N/A	dBm
-------------------------------------	-----	-----

DC INTERFACE CONNECTOR – [Penetrating capacitor, Male]

Pin #	Description	Specifications
A1	VCC	+28V
A2	GND	Ground

COMPLIANCE CERTIFICATIONS

XX
XX

PLOTTED AND OTHER DATA

Notes:

43dB Gain, 20W, Customizable MHz
amplifier

Solid state Broadband high power interference source

Product diagram



