



FEATURES

High RF output power for extended range

Mates directly to a camera back transmitter

Low power consumption

Weatherproof

Powered via RF input connector (DBS or Vislink TX*) or Lemo connector

Wide DC operating range

High level input & output protection

LED power indicator

DBS Barrel Booster Amplifier

DBS's elegantly designed Barrel Booster range of products permit the user to increase RF output power to 1W, thereby increasing transmission range.

The unit is simply connected directly to a camera back transmitter via an N-Type connector and when used in conjunction with a DBS transmitter, can be powered directly via the RF input connector by way of phantom power. Alternatively, an external DC input is provided for powering the unit via the D-Tap connector provided on most cameras and battery packs.

The 6-pin Hirose power input connector also provides an RF monitoring output and a remote enable/disable control.

Frequency bands are shown overleaf – if we do not support the band you require, please contact us as we may be able to offer it.

Connectors

RF out	N(f)
RF in	N(m)
Power in	Hirose HR10 6-way or via RF in connector*
Indicator LED	Green – Power OK
Tuning Step Size	250kHz
O/P Power	100mW

Frequency Bands**Product Codes**

2000-2700MHz	BAMP-1W-200270
3000-3500MHz	BAMP-1W-300350
4400-5000MHz	BAMP-1W-440500
5500-6000MHz	BAMP-1W-550600
6400-7000MHz	BAMP-1W-640700
7000-7500MHz	BAMP-1W-700750

Output Power

30dBm/1W	HD-SDI
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Input Power

20dBm/100mW

Spectral Re-Growth

Adjacent Channel	-34dBc
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Spurious

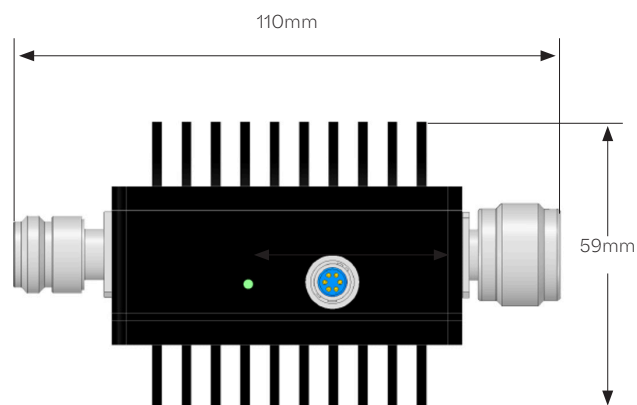
25MHz-1GHz	-36dBm
1GHz-27GHz	-30dBm

Powering

Supply Voltage	11-18VDC
Power Consumption	5W

Physical

Dimensions	L110mm x H59mm
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*RF transmitter must have this function – please check with manufacturer