

ADS0208

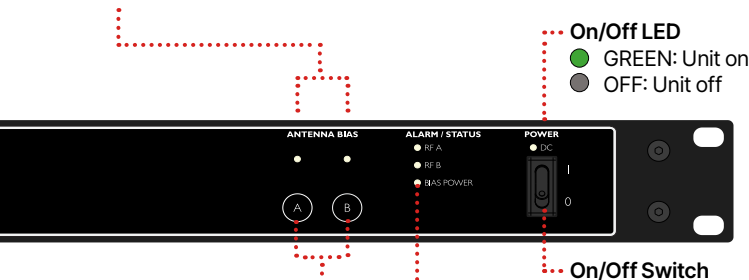
Active Wideband Antenna Splitter 8 outputs and Cascade



Front Panel

Antenna Bias

- — GREEN: Booster on
- - - GREEN BLINKING: At startup or if current < 10 mA
- — RED: Alarm bias current > 300 mA or short circuit
- — OFF: Booster off



Alarm/Status

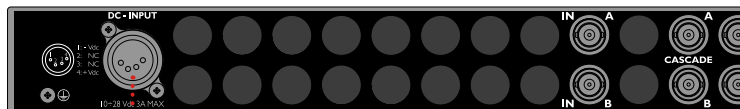
- RED: RF A/B alarm (RF amplifier A/B not working)
- RED: BIAS POWER alarm (no +12 V DC)
- OFF: No alarm

On/Off Bias

Press to enable BIAS
on A/B antenna inputs



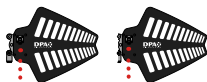
Back Panel



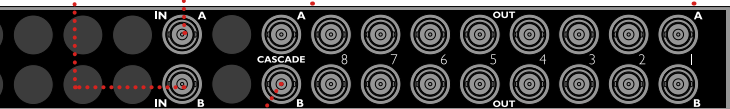
1: 0 V DC
2: NC
3: NC
4: + V DC

DC power input
+10 to +28 V DC, max 3 A
XLR-4M

Input BNC
Input A and B
Connect to the antennas



Outputs A
Output: 8 BNC-F
Connect to input A of the 8 diversity receivers



Cascade A/B
For cascade
connections

Outputs B
Output: 8 BNC-F
Connect to input B of the 8 diversity receivers

INSTALLATION INSTRUCTIONS

- Connect the 2 antennas to A and B input connectors
- Connect the A and B outputs to the receivers
- Connect the included power supply to the XLR DC input connector
- Turn on the splitter by switching the power switch to the "I" position



- Check that the On/Off LED turns green
- If active antennas are used, enable the booster by pressing the A and B buttons and check Antenna Bias LEDs turn green

TECHNICAL SPECIFICATIONS

Frequency range	170 to 1260 MHz
Input/output gain	+5 dB approx.
Input/cascade gain	+1.5 dB approx.
Amplifier linearity	± 1 dB (typ.)
Noise figure	7.5 dB
Antenna booster powering	+12 V DC, max 300 mA (for each BNC-female input connector A & B)
Connectors	Input: 2 BNC-F Output: 8+8 BNC-F Cascade: 2 BNC-F
Impedance	50 Ω
Power supply	10 to 28 V DC, max 3 A
Power consumption	Max 30 W
Temperature range	-25 to 55°C (-13 to 131°F)
Dimensions (H x W x D)	44 × 483 × 351 mm (1.7 × 19.0 × 13.8 in)
Weight	3 kg (6.61 lb)

EU DECLARATION OF CONFORMITY

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.