

**A1/1PET30dB-1 (P.180-M V2)****Product summary:**

Terrestrial amplifier with high Pout, powered from external supply

**Brief description:**

1in/1out terrestrial amplifier with high Pout.  
Gain 30 dB.

Amplifier is powered from an external power supply (recommended PA12) via DC2.1 socket. Input and output are DC blocked.

**Technical data:**

Parameter	Condition	Value
Frequency range		10-862 MHz
Insertion gain		25-30 dB avg
Maximum input level*		90-85 dB $\mu$ V avg
Maximum output level*		115 dB $\mu$ V avg
Power consumption (From external power supply)		170 mA (12 V DC)
Dimensions (w,d,h)		7.6 x 6.0 x 3.2 cm
Temperature range		-30 ~ +70 °C
Weight		0.070 kg

\*Terr.: EN 50083-3/60dB IMA3 [dB $\mu$ V]; SAT: EN 50083-3/35dB IMA3 [dB $\mu$ V]