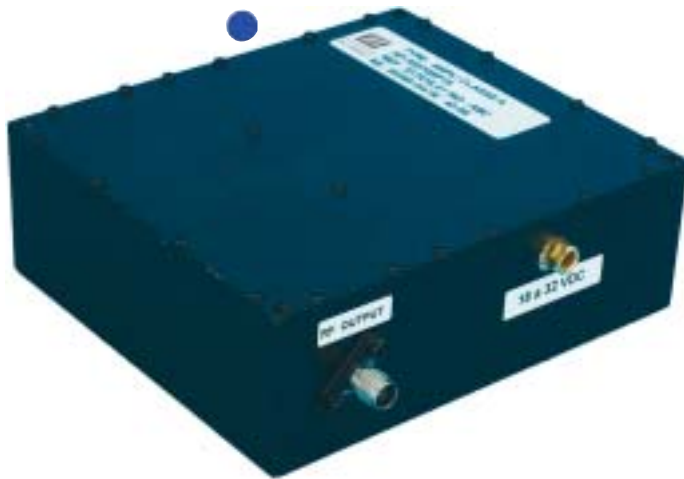


ALL in ONE DATA LINK SOLUTION



AP2227G9P15

Booster amplifier - S-Band - 15W



IN-SNEC

This 15W S-band amplifier is dedicated to reinforce the range and the margin of S-band link budget from telemetering systems.

Its input is compatible with IN-SNEC transmitters output.

Its compactness, its lightweight and its robustness make it ideal for integration as well in fixed systems as in vehicles with little available space and harsh environment like target drone, unmanned vehicle, light aircraft, terrestrial vehicles,...

Applications

- Telemetry from aircraft, ground vehicles or fixed systems
- Video link or data transmission in S-band

Main features & benefits

- High ruggedness
- Excellent RF shield
- Wide temperature range
- Low dimensions
- Low weight
- Low cost

Booster Amplifier - S-Band - 15W

Electrical specifications

◆ Bandwidth	2180 to 2690 MHz
◆ Output power	> 15W @40°C
◆ Input power	2W
◆ Input / Output SWR	≤ 1.5
◆ Spurious	≤ -60dBc
◆ H2, H3 harmonics	≤ -30 dBc
◆ Class A	

Mechanical characteristics

◆ Dimensions	3.93"x3.54"x1.37"
◆ Weight	500 g
◆ Vibrations	20HZ to 20000Hz 3g eff

Interfaces

◆ RF output	SMA-female
◆ Power supply	Coax female

Environmental conditions

Operating conditions

◆ Temperature range	-20°C to +65 °C
◆ Relative humidity	35% to 95% non condensing

*65 °C= housing temperature

Non operating conditions

◆ Temperature range	-40°C to +80 °C
◆ Relative humidity	35% to 95% non condensing

Primary power

◆ Voltage	+18VDC to +32VDC
◆ Power consumption	≤ 80W

Ordering information

■ Model reference

AP2227 G9P15

SM517816.01



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ISO 9001/n°1533386
AQAP 2110/n°1533386
AS/EN 9100/n°1533386
ISO 14001/n°1571249

