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**50W S-BAND OUTDOOR SATCOM SSPA**

- **OUTDOOR APPLICATIONS**
- **CLASS “AB” OPERATION**
- **REMOTE MONITORING & CONTROL**
- **TWO OUTPUTS (ANTENNA / LOAD)**

This outdoor solid state S-band amplifier is intended for use in satellite uplink applications. It's weather-proof construction guarantees long, trouble-free outdoor operation. It can be monitored and controlled remotely via RS-485 control port. The double RF output makes it possible to switch the amplifier RF output between the antenna and an external load.

**Electrical characteristics:**

Frequency Band	2025 – 2120 MHz
Power Gain	65 dB min.
Gain Slope	± 0.1 dB/10 MHz
Gain Flatness	± 0.5 dB
1 dB Compression @ +25 C°	48 dBm min.
ALC Control	20 dB
Gain Control	20 dB with 0.1 dB step
AM/PM Conversion	Max. 3°/dB @ P1dB
Input VSWR	1.2 : 1 min.
Output VSWR	1.3 : 1 min.
Output Noise In Band 2.2-2.3 GHz	-110 dBm/Hz without filter
Harmonics	< -60 dBc
Spurious	< -80 dBc
Intermodulation Distorsion @ 44 dBm Pout	- 28 dBc @ 25 °C
Group Delay Variation	< 0.02 nsec/MHz
Noise Figure	< 5 dB
RF Connectors	N Female
Power Supply	230 V AC
Remote Control And Monitoring	via RS 485
Operating Temperature Range	-40 to +60 °C
Weight	32 kg

Specifications are subject to change without notice.

**Outline dimensions (mm):**
