

# FPA-8000-18000-17-30S

8~18GHz, 17dB, 30dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test

**Electrical**

Frequency:	8~18GHz
Gain:	17dB min.
Output Power (P1dB):	+29dBm min.
Output Power (Psat):	+30dBm min.
Input VSWR:	1.6 typ.
Output VSWR:	1.8 typ.
Voltage:	+12V DC typ.
Current:	300mA typ.
Impedance:	50Ω

**Absolute Maximum Ratings\*1**

RF Input Power: +20dBm typ.

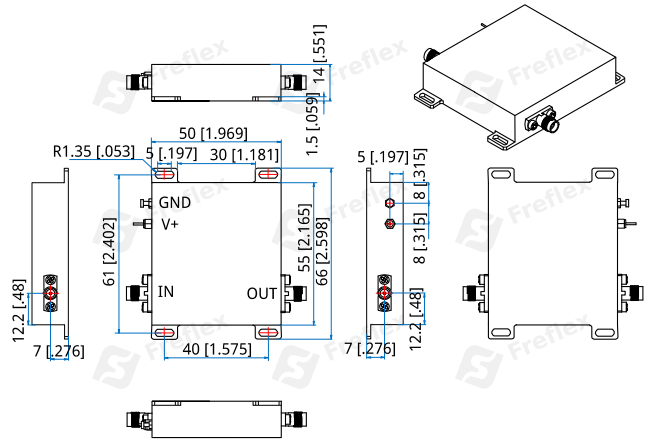
[1] Permanent damage may occur if any of these limits are exceeded.

**Mechanical**

Size\*2: 50\*55\*14mm  
1.969\*2.165\*0.551in

RF Connectors: SMA Female

[2] Exclude connectors and flanges.

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FPA-8000-18000-17-30S**

Customization is available upon request.