

# FPA-10-3000-30-29

## 10~3000MHz, 30dB, 29dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	10~3000MHz
Gain:	30dB min.
Gain Flatness:	±2dB typ.
Gain Flatness@100MHz:	±1dB typ.
Output Power (P1dB):	29dBm min.
Spurious:	-50dBc typ. (DC~6GHz@Pout=30dBm )
Harmonic:	-8dBc typ. (2 <sup>th</sup> @Pout=30dBm)
Input VSWR:	1.5 typ.
Output VSWR:	2 typ.
Input Power:	+3dBm max.
Voltage:	+24V DC
Impedance:	50Ω

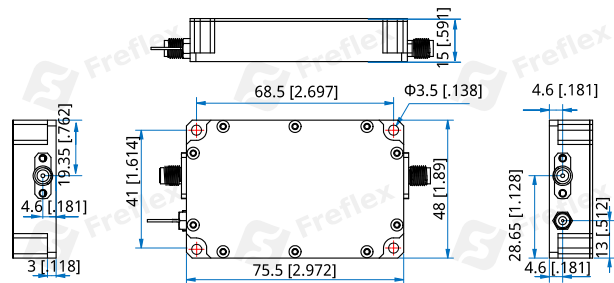
**Mechanical**

Size*1:	75.5*48*15mm 2.972*1.89*0.591in
Weight:	500g
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ3.5mm through-hole
Cooling:	Forced air

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-10~+50°C
Operating Temperature:	70°C max.

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FPA-10-3000-30-29**

Customization is available upon request.