

## Модификация АК ИП-3602/5 (100 Вт, 2 ... 6 ГГц)



### Основные технические возможности:

2GHz - 6GHz frequency range	Solid-state Class AB Broadband design
Psat <b>50dBm</b> Typ,49dBm Min	Ultra-roadband Instantaneous Bandwidth
Power gain <b>50 dB</b>	Suitable for pulse or CW applications
50 ohm input/output impedance	Small and light weight
Built-in control, monitoring and protection circuits	High reliability and ruggedness

### Спецификации: ( $T=25^{\circ}\text{C}\pm 3^{\circ}\text{C}$ , $VAC=220V$ , $CW$ , Load $VSWR<1.2$ )

Description	Symbol	Min	Typ	Max	Unit
Operating Frequency	BW	2		6	GHz
Output Power CW* @ Pin= 0 dBm	Psat	49	50		dBm
Output P1dB* CW	P1dB	46	47.5		dBm
Power Gain @ Pin= 0 dBm	Gp		50		dB
Power Gain Flatness @ Pin=0 dBm	$\Delta Gp$		$\pm 1.3$	$\pm 1.8$	dB
Harmonics @ Pin=0 dBm	$2^{nd}/3^{rd}$		-20/-25	-15/-20	dBc
Noise Figure(Optional)	NF		12		dB
Spurious Signals @ Pin= 0 dBm	Spur		-70	-60	dBc
Small Signal Gain @ Pin= -30 dBm	Gss		55		dB
Small Signal Flatness @ Pin= -30 dBm	$\Delta Gs$		$\pm 2$	$\pm 2.5$	dB
Isolation[Disable Status]	Iso		90		dB
Input VSWR	VSWR_IN		1.5	1.8	/
Output VSWR	VSWR_OUT		1.8		/
Third Intermodulation Third Order 2-Tone @ 34dBm/Tone, 10MHz**	IMD3		-27	-25	dBc
Group Delay	GD			20	nS
Supply Voltage (47~61Hz) /Single-Phase	VAC	180	220/50Hz	260	V
Power Consumption @ Pout =49~50dBm	PC		450	600	W

*Note\*:* Fundamental Power, Harmonics are excluded.

*Note\*\*:* 100MHz Data is Available, please contact sales for further information.

### Габариты и общие сведения:

Length*Width*Height[ mm ]	482.6 x 132 x 500 ( 3U )
Weight[ Kg ]	22
RF Connector Input	Type N, Female
RF Connector Output	Type N, Female
RF Connector Forward Coupler (Optional)	Type N, Female
DC Connector RS-232	Dsub-9, Male
AC Connector	3 WIRE A/C Power Entry

### Условия эксплуатации и хранения (environmental):

System Operation Temperature* <sup>1</sup>	-10...45°C
Storage Temperature Range	-25...75°C
Relative-Humidity	95%
Altitude* <sup>2</sup>	N/A
Vibration/Shock* <sup>2</sup>	N/A