

YSPA23-12-40-K-B

12-40 GHz Benchtop PA, 23 dB Psat, 2.92 mm

Key Features

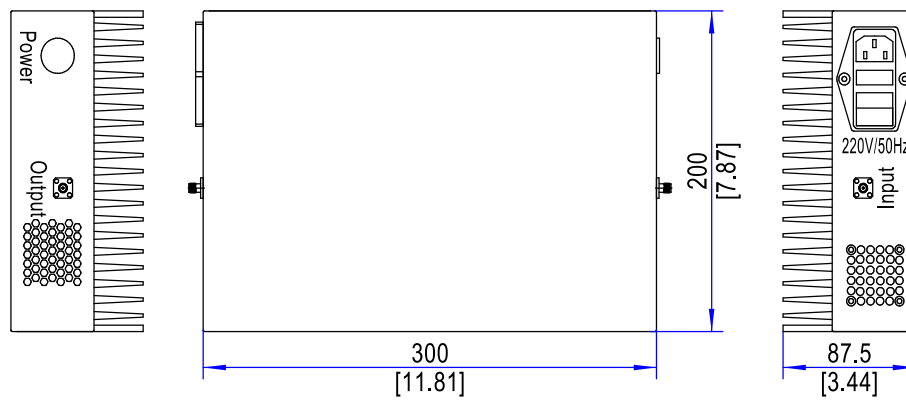
- Broadband 12-40 GHz coverage
- 23 dBm Psat
- Low spurious emissions
- High reliability for continuous operation
- Compact module with 220 V supply

Applications

- Broadband communication systems
- Radar transmitter subsystems
- RF test and measurement
- Electronic warfare (EW)
- Microwave research laboratories

Electrical Specifications				
Parameter	Min.	Typ.	Max.	Unit
Frequency Range	12	-	40	GHz
Gain	30	35	-	dB
Gain Flatness	-	±3.0	±4.0	dB
Input VSWR	-	2.0	2.5	-
Output VSWR	-	2.5	-	-
Output P1dB	22	23	-	dBm
Output Psat	23	-	-	dBm
Spurious	-60	-	-	dBc
Input Max Power(no damage)	-	-	0	dBm
Supply Voltage	110~220 V / 50 Hz			VAC
Impedance	50			Ω
Environmental Specifications				
Operating Temperature	-25°C to +85°C			
Storage Temperature	-55°C to +125°C			
* Heat Sink required during operation				
Mechanical Specifications				
Connectors	2.92 mm Female			
Material	Aluminium / Black anodizing			
Weight	-			
Dimensions ¹	300×200×87.5 mm [11.81×7.87×3.44 in]			

Outline Drawing (Units: mm/[inch], Tolerance: ±0.2 mm)



Note 1: Excluding Connectors