



JNA04006000P30; 400 MHz – 6000 MHz 1W LNA

FEATURES

- Ultra Wide-Band
- Low-Noise & High P1dB
- High Linearity

APPLICATIONS

- Communications, test instrument, fiber optics

GENERAL DESCRIPTION

JNA0460P30 is a low noise amplifier module with high P1dB and high linearity. This matched module has an ultra-wide band operating frequency starting from 400 MHz to 6 GHz.

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	400-6000 MHz
Output Power (P1dB):	29 dBm
OIP3:	38 dBm
Nominal Gain:	40 dB
Noise Figure:	5 dB max.
Gain Flatness:	± 2.5 dB
Input/Output VSWR:	2:1 max.
DC Supply Voltage:	15 V
DC Current:	800 mA max.
Operating Case Temp.:	-40 °C to 75 °C

INTERFACES

RF Input:	SMA Female
RF Output:	SMA Female
DC:	Pin 1 DC
	Pin 2 GND

MECHANICAL SPECIFICATIONS

Size (mm) : 70 x 50 x 15

