

# Low Noise Amplifier

## LNA-0012-4520

### 1. Technical Specifications(25°C)

Item	Minimum	Typical	Maximum	Unit
Frequency Range	0.2	-	12	GHz
Gain	43	45	-	dB
Gain Flatness	-	-	±2.5	dB
Noise Figure	-	2	2.5	dB
Output Power P-1dB	19.5	20	-	dBm
Saturated Output Power	-	21	-	dBm
Supply Voltage	-	12	16	VDC
Supply Current	-	320	-	mA
Input VSWR	-	1.6	2	: 1
Output VSWR	-	1.6	2	: 1
Maximum Input Power	-	10	-	dBm
Overall Dimensions	-	50×55×14	-	mm
Connector Interface	-	SMA Female	-	-
Housing Construction	-	Aluminum Alloy Anodization	-	-

## 2.Outline Dimensions (Unit: mm)

