

# Low Noise Amplifier

## MX-LNA-0018-2722

### 1. Technical Specifications(25°C)

Item	Minimum	Typical	Maximum	Unit
Frequency Range	0.38	-	18	GHz
Gain	25	27	-	dB
Gain Flatness	-	±2.5	-	dB
Noise Figure	-	3	-	dB
Output Power P-1dB	21	22	-	dBm
Saturated Output Power	-	22.5	-	dBm
Supply Voltage	8	10	12	VDC
Supply Current	-	240	-	mA
Input VSWR	-	2	-	: 1
Output VSWR	-	2	-	: 1
Harmonic Suppression @ Output 10dBm	-	40	-	dBc
Third-order Intermodulation Suppression @ Output 10dBm	-	40	-	dBc
Maximum Input Power	-	5	-	dBm

Overall Dimensions	-	44×36×12	-	mm
Connector Interface	-	SMA Female	-	-
Housing Construction	-	Brass Gold Plated	-	-

## 2.Outline Dimensions (Unit: mm)

