

LNA-Ka-1722-45(Broadband Low Noise Amplifier)

✧ Technical Specifications:

Paramaters	Units	Min	Typ	Max
Frequency	GHz	17	-	22
Noise Figure@23℃	dB	-	-	1.7
Gain	dB	45	-	-
Gain Flatness	dB dB/100MHz	-1.0 -0.2	-	+1.0 +0.2
Gain Variation over Operating Temperature	dB	-1.5	-	+1.5
Gain Stability (Constant Temperature, 24h)	dB	-0.2	-	+0.2
P1dB	dBm	15	-	-
Input VSWR	-	-	-	2.0
Output VSWR	-	-	-	2.0
Spurious Output	dBc			-60
Operating Voltage	V	9	15	24
Operating Current	mA	-	-	120
Maximum Non-Damaging Input Power	dBm	-	10	-

✧ Mechanical Specifications:

Dimension: 60mm×25mm×25mm(Excludes connectors)

Weight: ≤ 100 g

RF IN Connector: BJ220

RF Out connector: 2.92mm-K

Power Supply Interface: Glass Insulator

✧ Environmental Characteristics:

Operating Temperature: -40℃～+60℃

Storage Temperature: -55℃～+85℃

