

6 IN 1 Amplifier Stage-2

Product Description

This is High performance filtered MMIC Amplifier with current injector features high gain with flatness, DC biased at RF input port. This unit can be used as PA Driver amplifier, IF Amplifier.

Technical Specifications

Model	310 105 03
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Electrical Specifications

Frequency Range	310 – 345MHz.
Configuration	6 amplifiers stacked in 1 line
Nominal Gain	45 dB ± 1dB
Gain Flatness	0.6dB (Peak to Peak) Typ.
Bandwidth	35MHz, Centered around 327MHz (Saw Filter, PN: LB327DS01)
DC Bias	+9V @ RF input
Noise Figure	≤ 2.0 dB
VSWR	1.5 : 1
Voltage Range	9V DC
Impedance	50 Ohms @ all RF ports
Isolation between channels	40dB
Stability	Unconditionally stable, under all load conditions
Phase difference	± 4 degrees Max. (b/w channels)
Connectors	SMA (F)

Mechanical Specifications

Dimension(L x W x H)	210 mm x 110 mm x 25 mm
Weight (Approx)	550 Grams
Finish	Yellow Chromate
Temperature Range	-10°C to +45°C

Product Photo:

