

Dual Module Amplifier Stage-1

Product Description

This High performance filtered Amplifier with Bias-T features high gain with flatness; DC biased at the RF output port and good rejection outside the band, compact size. This unit can be used as IF band or Driver amplifier.

Technical Specifications

Model	310 105 04
Electrical Specifications	
Frequency Range	310 – 345 MHz.
Nominal Gain (@ Output port)	45dB ± 1dB
VSWR	< 1.5 :1 @ all ports
Flatness	± 0.4 dB Max
Gain (@Combiner port)	< 5dB
Flatness (@combiner port)	± 0.4 dB Max
Noise Figure	2dB
DC Bias	+9V @ RF output port
Phase difference	± 5 degrees (between input channels)
Phase difference	± 2 degrees (between individual modules)
Impedance	50 Ohms
Connector	SMA (F) @ Output ports N(F) @ Input port and combiner port
Power Supply	+9V
Mechanical Specifications	
Dimension (L x W x H) in mm	135 x 84 x 28
Weight	550 Grams
Finish	Yellow Chromate/ Nickel plated
Temperature Range	-- 20°C TO +55°C

Product Photo

