

FREQUENCY RANGE: X-Ku BAND

Narrowband Low Noise Amplifiers

Model	Frequency Range (GHz)	Gain (dB) Min.	Flatness (± dB) Max.	NF (dB) Max.	P1db (dBm) Min.	IP3 (dBm) Typ.	VSWR (in/out) Max.	DC (V/mA) Nom.
MWA 1101300-1730	11.0-13.0	17	1.0	3.0	+10	+20	2.0:1	+12/100
MWA 1101300-1630	12.7-13.3	17	1.0	3.0	+10	+20	2.0:1	+12/100
MWA 1331400-1630	13.3-14.0	20	1.0	3.0	+10	+20	2.0:1	+12/100
MWA 1401450-1630	14.0-14.5	1.0		3.0	+10	+20	2.0:1	+12/100
MWA 1441540-1530	14.4-15.4	15	1.0	3.0	+8	+20	2.0:1	+12/100
MWA 1571700-1530	15.7-17.0	15	1.0	3.0	+8	+20	2.0:1	+12/100

Narrowband Medium Power Amplifiers

MWA 971071-3030	9.7-10.7	+30	1.0	8	+30			+12/800
MWA 971071-3030	14.0-14.5	+30	1.0	8	+30	40		+12/800

1. Parameters are guaranteed at +25°C (case temperature)
2. Case outline drawing (see page 1-22)