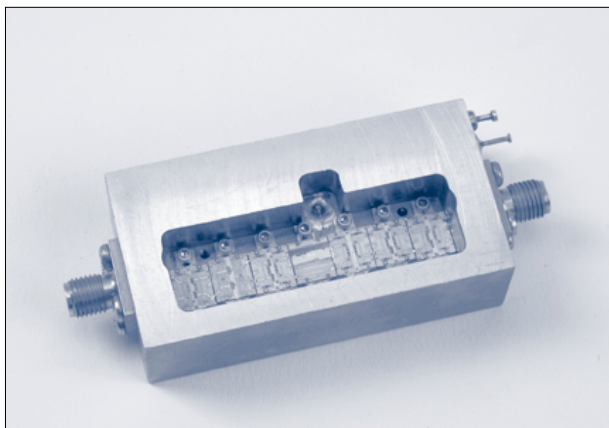


## FREQUENCY RANGE: 8-12GHz

### Broadband Low Noise Amplifiers



Model	Gain (dB) Min.	Flatness (±dB) Max.	NF (dB) Max.	P1db (dBm) Min.	IP3 (dBm) Typ.	VSWR (in/out) Max.	DC (V/mA) Nom.
MWA 08120-2030	20	1.25	3.0	+12	+22	2.0:1	+12/150
MWA 08120-3025	30	1.50	2.5	+12	+22	2.0:1	+12/200
MWA 08120-4025	40	1.25	2.5	+15	+25	2.0:1	+12/250

### Broadband Amplifiers

MWA 08120-0950	9	1.0	5.0	+15	+22	2.0:1	+12/60
MWA 08120-1850	18	1.0	5.0	+15	+22	2.0:1	+12/120
MWA 08120-2750	27	1.25	5.0	+15	+22	2.0:1	+12/180
MWA 08120-3650	36	1.25	5.0	+15	+22	2.0:1	+12/240

### Broadband Medium Power Amplifiers

MWA 08121-1617	16	1.0	5.0	+17	+27	2.0:1	+12/150
MWA 08121-1320	13	1.0	6.0	+20	+30	2.0:1	+12/200
MWA 08121-2220	22	1.0	6.0	+20	+30	2.0:1	+12/270
MWA 08121-2623	26	1.0	6.0	+23	+33	2.0:1	+12/440
MWA 08121-3027	30	1.2	6.0	+27	+37	2.0:1	+15/800
MWA 08121-3030	30	1.5	6.0	+30	+40	2.0:1	+15/1300

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