

MII 0.5 – 18Ghz Broad Band Medium Power Amplifier



- Features:
- Up to 2-Watts Output Power
 - High Dynamic Range
 - Compact/Rugged Thin Film construction

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MII Model Number	Frequency Range (GHz) Min.	Gain (dB)	Noise Figure (dB) Typ./Max.	P1dB (dBm) Min.	Gain Flatness (+/- dB) Max.	IP3 (dBm) Typ.	VSWR I/O Max.	Current 15VDC (mA) Typ.	Case Option SKC –
+25 °C									
MIPA-0515N2024	0.5 – 1.5	20	7.0	24	1.3	33	2:1/ 2:1	450	GP2
MIPA-0515N3027	0.5 – 1.5	30	7.0	27	1.5	35	2:1/ 2:1	700	GP4
MIPA-0515N4030	0.5 – 1.5	40	7.0	30	1.8	37	2:1/ 2:1	900	PLL
MIPA-0520N2024	0.5 – 2.0	20	7.0	24	1.5	33	2:1/ 2:1	450	GP2
MIPA-0520N3027	0.5 – 2.0	30	7.0	27	1.8	35	2:1/ 2:1	700	GP4
MIPA-0520N4030	0.5 – 2.0	40	7.0	30	2.0	37	2:1/ 2:1	900	PLL
MIPA-1020N2024	1.0 – 2.0	20	6.0	24	1.3	33	2:1/ 2:1	450	GP2
MIPA-1020N2027	1.0 – 2.0	30	6.0	27	1.5	35	2:1/ 2:1	700	GP4
MIPA-1020N4030	1.0 – 2.0	40	6.0	30	1.8	37	2:1/ 2:1	900	PLL
MIPA-1020N2033	1.0 – 2.0	40	6.0	33	2.0	40	2:1/ 2:1	1400	PL2
MIPA-2040N2024	2.0 – 4.0	20	6.0	24	1.6	33	2:1/ 2:1	450	GP2
MIPA-2040N2027	2.0 – 4.0	30	6.0	27	1.8	35	2:1/ 2:1	800	GP4
MIPA-2040N2030	2.0 – 4.0	40	6.0	30	2.0	37	2:1/ 2:1	1100	PC1
MIPA-2040N2033	2.0 – 4.0	40	6.0	33	2.2	40	2:1/ 2:1	1800	PC2
MIPA-2060N2024	2.0 – 6.0	20	6.0	24	1.7	33	2:1/ 2:1	450	GP2
MIPA-2060N3027	2.0 – 6.0	30	6.0	27	1.9	35	2:1/ 2:1	800	GP4
MIPA-2060N4030	2.0 – 6.0	40	6.0	30	2.1	37	2:1/ 2:1	1300	PC1
MIPA-2060N4033	2.0 – 6.0	40	6.0	33	2.3	40	2:1/ 2:1	2000	PC2
MIPA-2080N2024	2.0 – 8.0	20	7.0	24	1.8	33	2:1/ 2:1	500	GP2
MIPA-2080N3027	2.0 – 8.0	30	7.0	27	2.0	35	2:1/ 2:1	900	GP4
MIPA-2080N4030	2.0 – 8.0	40	7.0	30	2.2	37	2:1/ 2:1	1400	PC1
MIPA-2080N4033	2.0 – 8.0	40	7.0	33	2.5	40	2:1/ 2:1	2200	PC2
MIPA-5011N2024	5.0 – 11.0	20	7.0	24	1.8	33	2:1/ 2:1	600	GP2
MIPA-5011N3027	5.0 – 11.0	30	7.0	27	2.0	35	2:1/ 2:1	1000	GP4
MIPA-5011N4030	5.0 – 11.0	40	7.0	30	2.2	37	2:1/ 2:1	1600	PX1
MIPA-6012N2024	6.0 – 12.0	20	7.0	24	1.8	33	2:1/ 2:1	600	GP4
MIPA-6012N3027	6.0 – 12.0	30	7.0	27	2.0	35	2:1/ 2:1	1000	GP6
MIPA-6012N4030	6.0 – 12.0	40	7.0	30	2.2	37	2:1/ 2:1	1600	PK1
MIPA-6018N2024	6.0 – 18.0	20	8.0	24	2.2	33	2:1/ 2:1	700	GP4
MIPA-6018N3027	6.0 – 18.0	30	8.0	27	2.4	35	2:1/ 2:1	1200	GP6
MIPA-6018N4030	6.0 – 18.0	40	8.0	30	2.6	37	2:1/ 2:1	2400	PK1
MIPA-8018N2024	8.0 – 18.0	20	8.0	24	2.0	33	2:1/ 2:1	700	GP4
MIPA-8018N3027	8.0 – 18.0	30	8.0	27	2.2	35	2:1/ 2:1	1200	GP6
MIPA-8018N4030	8.0 – 18.0	40	8.0	30	2.4	37	2:1/ 2:1	2400	PK1
MIPA-1826N2017	18.0 – 26.5	20	8.0	17	2.0	27	2.2:1	500	GK2
MIPA-1826N3020	18.0 – 26.5	30	8.0	20	2.2	30	2.2:1	700	GK3
MIPA-1826N4020	18.0 – 26.5	40	8.0	20	2.4	30	2.2:1	900	GK4