



Broadband Isolating Amplifiers 0.5 to 18GHz

The content of this specification may change without notification 8/01/09



Amplifiers



Coaxial

Broadband Isolating Amplifiers 0.5 to 18GHz

P/N	Freq. Range (GHz)	Pout@1dB	Gain	Flatness	Reverse Isolation	VSWR	Case
		(dBm) Min	(dB) Typ	(dB)	(dB) Typ	Max	
IA0520N1120	0.5 - 2	20	11 - 14	± 0.75	20	2:1	2I, 2MH
IA0520N1820	0.5 - 2	20	18 - 22	± 1	30	2:1	2I
IA0520N2420	0.5 - 2	20	24 - 28	± 1	40	2:1	4I
IA2080N1220	2 - 8	20	12 - 16	± 1.5	20	2:1	3MH
IA2080N2020	2 - 8	20	18 - 22	± 1.5	30	2:1	4I
IA2080N2520	2 - 8	20	24 - 28	± 1.5	40	2:1	4I, 4MH
IA2018N0709	2 - 18	9	7 - 9	± 1.5	15	2.2:1	2I, 2MH
IA2018N1509	2 - 18	9	14 - 18	± 1.8	30	2.2:1	4I, 3MH
IA2018N2009	2 - 18	9	17 - 21	± 1.8	40	2.2:1	4I, 3MH
IA6018N1015	6 - 18	15	11 - 13	± 1.5	20	2:1	2I, 2MH
IA6018N1520	6 - 18	20	12 - 16	± 1.5	30	2:1	2I
IA6018N2020	6 - 18	20	18 - 22	± 1.5	40	2:1	4I, 3MH
IA8012N0515	8 - 12	15	5	± 1	20	2:1	2MH
IA8012N0920	8 - 12	20	9	± 1	20	2:1	2MH
IA8012N1120	8 - 12	20	11 - 13	± 1	20	2:1	2MH
IA8012N1115	8 - 12	15	11 - 13	± 1.5	20	2:1	2I, 2MH
IA8012N1220	8 - 12	20	12 - 16	± 1.5	30	2:1	2I
IA8012N1820	8 - 12	20	18 - 22	± 1.5	40	2:1	4I, 3MH
IA1218N0920	12 - 18	20	9	± 1	20	2:1	2MH
IA1218N1120	12 - 18	20	11 - 13	± 1	20	2:1	2MH
IA1218N1115	12 - 18	15	11 - 13	± 1.5	20	2:1	2I, 2MH
IA1218N1220	12 - 18	20	12 - 16	± 1.5	30	2:1	2I
IA1218N1820	12 - 18	20	18 - 22	± 1.5	40	2:1	4I, 3MH

Notes:

1. Operating Temperature : -55 °C to +85 °C. Storage Temperature : -60 °C to +90 °C.
2. All products have built-in voltage regulators, which can operate from +10V to +18VDC.
3. Many kinds of cases are in stock; such as 08,10,46,55 and so on, special housings are available.
4. Connectors for MH case are detachable, insulator input and output after removal of connectors.
5. Maximum input power level is 20dBm for CW, or 30dBm for pulse with 1 μ s PW and 1% duty cycle.
6. Custom Designs Available

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