

Giga-concept propose a full range of Amplifiers.
Standard or customised.

Amplifiers



Surface Mount

S11

Wideband Amplifiers 10 to 2500MHz

P/N	Freq. Range (MHz) f _L -f _H	Gain (dB)	Noise Figure (dB)	Pout@1dB (dBm)	VSWR	Power Supply (V)	Case
		Typ	Typ	Min	Typ		
JXWBLA-S-10-500-29	10-500	29	2.5	10	2.5:1	+9 or +12	S11
JXWBLA-S-10-1000-25-1	10-1000	25	2.8	8	2.5:1	+9 or +12	S11
JXWBLA-S-10-1000-25-2	10-1000	25	3.8	10	2.5:1	+9 or +12	S11
JXWBLA-S-250-650-14	250-650	14	3.0	20	2.5:1	+9 or +12	S11
JXWBLA-S-400-2500-12	400-2500	12	3.5	20	3:1	+9 or +12	S11

Notes:

1. Operating Temperature : -40 °C to +70 °C. Storage Temperature : -55 °C to +80 °C.

Wideband Low Noise Amplifiers 10 to 1500 MHz

P/N	Freq. Range (MHz) f _L -f _H	Gain (dB)	Noise Figure (dB)	Pout@1dB (dBm)	VSWR	Power Supply (V)	Case
		Typ	Typ	Min	Typ		
JXWBLA-S-10-500-20	10-500	20	1.5	20	2:1	+12	S11
JXWBLA-S-500-1000-20	500-1000	20	1.8	20	2:1	+12	S11
JXWBLA-S-1000-1500-17	1000-1500	17	2	20	2:1	+12	S11

Notes:

1. Operating Temperature : -40 °C to +70 °C. Storage Temperature : -55 °C to +80 °C.

Narrowband Low Noise Amplifiers 800 to 2500 MHz

P/N	Freq. Range (MHz) f _L -f _H	Gain (dB)	Noise Figure (dB)	Pout@1dB (dBm)	VSWR	Power Supply (V)	Case
		Typ	Typ	Min	Typ		
JXWBLA-S-800-1000-28-1	800-1000	28	1.2	13	1.8:1	+5 or +12	S11
JXWBLA-S-1000-1200-28	1000-1200	28	1.2	13	1.8:1	+5 or +12	S11
JXWBLA-S-1200-1400-28	1200-1400	28	1.2	13	1.8:1	+5 or +12	S11
JXWBLA-S-1400-1600-28	1400-1600	28	1.2	13	1.8:1	+5 or +12	S11
JXWBLA-S-1600-1800-28	1600-1800	28	1.2	13	1.8:1	+5 or +12	S11
JXWBLA-S-800-1000-28-2	800-1000	28	1.0	13	1.8:1	+5 or +12	S11
JXWBLA-S-1000-1200-26	1000-1200	26	1.0	13	1.8:1	+5 or +12	S11
JXWBLA-S-1200-1400-26	1200-1400	26	1.1	13	1.8:1	+5 or +12	S11
JXWBLA-S-1700-2000-15	1700-2000	15	1.2	13	1.8:1	+5 or +12	S11
JXWBLA-S-2200-2500-14	2200-2500	14	1.2	13	1.8:1	+5 or +12	S11

Notes:

1. Operating Temperature : -40 °C to +70 °C. Storage Temperature : -55 °C to +80 °C.

Amplifiers

Plug-in



Wideband Amplifiers 10 to 1000 MHz

P/N	Freq. Range (MHz) f_l, f_u	Gain (dB) Typ	Noise Figure (dB) Typ	Pout@1dB (dBm) Min	VSWR Typ	Power Supply (V)	Case
JXWBLA-A-10-500-29	10-500	29	2.5	10	2.5:1	+9 or +12	A1
JXWBLA-A-10-1000-25-1	10-1000	25	2.8	8	2.5:1	+9 or +12	A1
JXWBLA-A-10-1000-25-2	10-1000	25	3.8	10	2.5:1	+9 or +12	A1

Notes:

1. Operating Temperature : -40 °C to +70 °C. Storage Temperature : -55 °C to +80 °C.

Wideband Low Noise Amplifiers 10 to 1500 MHz

P/N	Freq. Range (MHz) f_l, f_u	Gain (dB) Typ	Noise Figure (dB) Typ	Pout@1dB (dBm) Min	VSWR Typ	Power Supply (V)	Case
JXWBLA-C-10-500-20	10-500	20	1.5	20	2:1	+12	C
JXWBLA-C-500-1000-20	500-1000	20	1.8	20	2:1	+12	C
JXWBLA-C-1000-1500-17	1000-1500	17	2	20	2:1	+12	C

Notes:

1. Operating Temperature : -40 °C to +70 °C. Storage Temperature : -55 °C to +80 °C.

Narrowband Low Noise Amplifiers 800 to 1800 MHz

P/N	Freq. Range (MHz) f_l, f_u	Gain (dB) Typ	Noise Figure (dB) Typ	Pout@1dB (dBm) Min	VSWR Typ	Power Supply (V)	Case
JXWBLA-A-800-1000-20	800-1000	20	1.2	13	1.8:1	+5 or +12	A1
JXWBLA-A-1000-1200-19	1000-1200	19	1.2	13	1.8:1	+5 or +12	A1
JXWBLA-A-1200-1400-18	1200-1400	18	1.2	13	1.8:1	+5 or +12	A1
JXWBLA-A-1400-1600-16	1400-1600	16	1.2	13	1.8:1	+5 or +12	A1
JXWBLA-A-1600-1800-15	1600-1800	15	1.2	13	1.8:1	+5 or +12	A1
JXWBLA-A-800-1000-16	800-1000	16	1.0	13	1.8:1	+5 or +12	A1
JXWBLA-A-1000-1200-16	1000-1200	16	1.0	13	1.8:1	+5 or +12	A1
JXWBLA-A-1200-1400-16	1200-1400	16	1.1	13	1.8:1	+5 or +12	A1

Notes:

1. Operating Temperature : -40 °C to +70 °C. Storage Temperature : -55 °C to +80 °C.