

Microwave and Millimeter Amplifiers

Power Amplifiers

Standard PA	Frequency (GHz)	P1dB (dBm)	Gain (dB)	VSWR (typ)	Noise Figure (dB)	Connectors
SP2412-15-23	18 GHz to 30 GHz	23 dBm	15 dB	2.5:1	8 dB	K(f)
SP2412-15-27	18 GHz to 30 GHz	27 dBm	15 dB	2.5:1	8 dB	K(f)
SP224-18-23	20 GHz to 24 GHz	23 dBm	18 dB	2.2:1	6 dB	K(f)
SPKka-35-30	18 GHz to 40 GHz	31.5 dBm	36 dB typ	1.5:1	6 dB typ	2.92mm - K(f)
SP224-18-27	20 GHz to 24 GHz	27 dBm	18 dB	2.2:1	6 dB	K(f)
SP268-20-29	22 GHz to 30 GHz	29 dBm	20 dB	2.5:1	8 dB	K(f)
SP243-24-29	23 GHz to 26 GHz	29 dBm	24 dB	2.2:1	9 dB	K(f)
SP266-38-28	23 GHz to 29 GHz	28 dBm	38 dB	2.0:1	8 dB	K(f)

SP276-18-23	24 GHz to 30 GHz	23 dBm	18 dB	2.2:1	6 dB	K(f)
SP270-18-27	24 GHz to 30 GHz	27 dBm	18 dB	2.5:1	6 dB	K(f)
SP3015-31-26	23.3 GHz to 37.5 GHz	26.5 dBm	32 dB	2.0:1	8 dB	K(f)
SP282-36-30	27 GHz to 29 GHz	30 dBm	36 dB	2.0:1	8 dB	K(f)
SP291-25-37	29 GHz to 30 GHz	36 dBm	27.5 dB	2.0:1	8 dB	K(f)
SP302-30-30	29 GHz to 31 GHz	30 dBm	30 dB	2.0:1	8 dB	K(f)
SP385-18-23	36 GHz to 41 GHz	23 dBm	18 dB	2.5:1	8 dB	K(f)
SP385-18-27	36 GHz to 41 GHz	27 dBm	18 dB	2.2:1	7 dB	K(f)
SP385-24-29	36 GHz to 41 GHz	29 dBm	24 dB	2.5:1	10 dB	K(f)
SP392-35-33	38 GHz to 40 GHz	33 dBm	34 dBm	2.0:1 MAX	6 dB	2.92mm K(F)
SP394-30-30	37 GHz to 40 GHz	30 dBm	30 dB	2.0:1	8 dB	K(f)
SP422-34-22	40 GHz to 43 GHz	22 dBm	34 dB	2.5:1	8 dB	K(f)
SP435-35-31	40 GHz to 44 GHz	23 dBm	35 dB	2.0:1	6 dB	K(f)

For more Power amplifiers from 18 to 110 GHz - Please contact us

General Purpose Amplifiers

Product	Frequency (GHz)	P1dB (dBm)	Gain (dB)	VSWR (typ)	Noise Figure (dB) (typ)	Connectors
	Frequency (GHz)	P1dB (dBm)	Gain (dB)	VSWR (typ)	Noise Figure (dB) (typ)	Connectors
SGK-17-20W	18 GHz to 26.5 GHz	18 dBm	17 dB	2.0:1	8 dB	WR-42
SGKKa-17-20W	18 GHz to 40 GHz	18 dBm	17 dB	2.0:1	7 dB	WRD-180
SGKKa-17-20	18 GHz to 42 GHz	18 dBm	17 dB	2.5:1	7 dB	K(f)
SGKa-17-20W	26.5 GHz to 40 GHz	18 dBm	17 dB	2.0:1	7 dB	WR-28
SGQ-15-16W	33 GHz to 50 GHz	17 dBm	15 dB	2.5:1	8 dB	WR-22

For more General-purpose amplifiers from 18 to 50 GHz - Please contact us

Low-Noise Amplifiers

LNA Wide Bandwidth	Frequency (GHz)	Gain (dB)	Noise Figure (dB) (typ/max)	P1dB (dBm)	VSWR (typ)	Connectors
SLK-18-3W	18 GHz to 26.5 GHz	18 dB	2.2 / 3.0	12 dBm	2.5:1	WR-42
SLK-18-3	18 GHz to 26.5 GHz	18 dB	2.2 / 3.0	12 dBm	2.0:1	K(f)
SLK-35-3	18 GHz to 26.5 GHz	35 dB	2.2 / 3.4	18 dBm	2.2:1	K(f)
SLKKa-12-6	18 GHz to 40 GHz	12 dB	5.0 / 6.0	11 dBm	1.5:1	K(f)
SLKKa-30-6W	18 GHz to 40 GHz	30 dB	5.0 / 6.0	17 dBm	1.8:1	WRD-180
SLKKa-30-6	18 GHz to 40 GHz	30 dB	5.0 / 6.0	17 dBm	1.8:1	K(f)
SLKa-18-4	26.5 GHz to 40 GHz	21 dB	2.5 / 3.5	10 dBm (typ)	2.0:1	K(f)

SLKa-35-4	26.5 GHz to 40 GHz	43 dB	2.5 / 4.0	14 dBm	2.0:1	K(f)
SLQ-15-4W	33 GHz to 50 GHz	15 min / 18 typ	3.5 / 4.0	-3 dBm	2.5:1	WR-22
SLU-17-4W	40 GHz to 60 GHz	17 min / 20 typ	3.0 / 4.0	-4 dBm	3.0:1	WR-19
SLV-20-4	50 GHz to 75 GHz	15 dB min / 18 dB typ	4.0 / 5.0	-5 dBm typ	3.0:1	WR-15
SLW-25-5	75 GHz to 110 GHz	20 dB	3.8 / 5.0	3 dBm	3.0:1	WR-10

LNA Moderate Bandwidth	Frequency (GHz)	Gain (dB)	Noise Figure (dB) (typ/max)	P1dB (dBm)	VSWR (typ)	Connectors
SL1916-15-4	12 GHz to 26.5 GHz	15 dB	3.5 / 4.5	12 dBm	2.0:1	K(f)
SL2518-15-3	17 GHz to 33 GHz	15 dB	2.5 / 3.0	8 dBm	2.2:1	K(f)
SL2518-30-3	17 GHz to 33 GHz	30 dB	2.5 / 3.0	17 dBm	2.2:1	K(f)

SL224-18-3	20 GHz to 24 GHz	18 dB	1.8 / 2.2	8 dBm	2.0:1	K(f)
SL224-18-3W	20 GHz to 24 GHz	18 dB	1.9 / 2.3	8 dBm	2.2:1	WR-42
SL224-35-3W	20 GHz to 24 GHz	35 dB	1.9 / 2.3	18 dBm	2.1:1	WR-42
SL242-30-2	23 GHz to 25 GHz	30 dB	2.5 / 3.0	12 dBm	2.0:1	K(f)
SL352-17-4W	34 GHz to 36 GHz	20 dB	3.0 / 4.0	12 dBm	2.1:1	WR-28
SL374-17-4W	36 GHz to 40 GHz	17 dB	4.0 / 4.3	5 dBm	2.0:1	WR-28
SL374-17-4	36 GHz to 40 GHz	17 dB	3.8 / 4.0	5 dBm	2.0:1	K(f)
SL374-34-4	36 GHz to 40 GHz	34 dB	3.8 / 4.0	16 dBm	2.0:1	K(f)
SL406-15-4	37 GHz to 43 GHz	15 dB	4.0 / 5.0	12 dBm	1.5:1	K(f)
SL406-15-4W	37 GHz to 43 GHz	15 dB	4.0 / 5.0	12 dBm	1.5:1	WR-22
SL406-34-4	37 GHz to 43 GHz	34 dB	4.0 / 5.0	12 dBm	1.5:1	K(f)
SL391-53-2W	37.8 GHz to 39.5 GHz	50 dB	2.4 / 3.0	10 dBm	2.0:1	WR-22 In V(f) out
SL412-30-5	40 GHz to 43 GHz	30 dB	4.0 / 5.0	12 dBm	2.0:1	K(f)

SL6010-15-6	55 GHz to 65 GHz	15 dB	6.0 / 7.0	10 dBm	2.2:1	WR-15
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For more LNA from 12 to 110 GHz - Please contact us