

Digital Step Attenuator

Part No.	Freq. (MHz)	Insertion Loss(dB)	Attenuation Range(dB)	Attenuation Step(dB)	Input Return Loss(dB)	Output Return Loss(dB)	Input P 0.1dB(dBm)	Input IIP3(dBm)	Interface	PKG
BDA4601	1-4000	0.8~2.6	31.5	0.5	10~20	10~21	31	52-65	Serial/Parallel	QFN 4x4
BDA4620	1-6000	0.7~1.8	31.5	0.5	10~20	11~21	30	52~53	Serial/Parallel	QFN 4x4
BDA4630	1-6000	0.6~2.1	31.5	0.5	9~21	9~21	29	51~57	Serial/Parallel	QFN 4x4
BDA4700	1-8000	0.6~2.7	31.75	0.25	8~25	8~25	32	65~69	Serial/Parallel	QFN 4x4
BDA4710	1-8000	0.6~2.9	31.75	0.25	8~25	8~25	30	59~63	Serial/Parallel	QFN 5x5

Part No.	Freq. (MHz)	Insertion Loss(dB)	Attenuation Range(dB)	Attn Accuracy (dB)	Input VSWR	Output VSWR	Control voltage (V)	Output VSWR
SAC3401	DC~4	-0.7	2.1	-0.2~+0.4	1.15	1.15	-5/+5	Bare Die
SAC3402	DC~6	-2.6	31.5	-0.3~+0.5	1.4	1.4	0/+5	Bare Die
SAC3402Q4	DC~6	2.6	31.5	-0.3 ~ +1	1.4	1.4	0/+5	QFN 4x4
SAC3403	8~12	-3.8	31.5	-0.5~+1	1.3	1.3	0/+5	Bare Die
SAC3404	DC~12	-2.2	30	-0.5~+1.5	1.4	1.5	0/+5	Bare Die
SAC3405	12~18	-3.8	31.5	-0.5~+2.5	1.45	1.5	0/+5	Bare Die
SAC3405Q4	12~18	-3.8	31.5	-0.5~+3.5	1.45	1.5	0/+5	QFN4x4
SAC3406A	DC~12	-1.5	15.75	-0.6~+1	1.3	1.2	0/+5	Bare Die
SAC3406ASPQ4	DC~12	-1.8	15.75	-0.5~ +2	1.3	1.2	0/+5	Plastic QFN4x4
SAC3408	DC~12	-2.5	31.5	-2~+2	1.2	1.2	0/+5	Bare Die

SAC3408SPQ4	DC~12	-2.8	31.5	-1~ +3.5	1.3	1.3	0/+5	Plastic QFN4x4
SAC3409	DC~13	-2	31.5	N/A	1.25	1.25	0/-5	Bare Die