



## 2.4 GHz to 2.6 GHz

w/Voltage Controlled Gain Attenuation

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB Min/Typ	Flatness dB Max/Typ	Gain Attenuation Range dB Max	V <sub>CTRL</sub> Range VDC 0V=Min Atten/+5V=Max Atten	Ctrl Current mA Nom	Noise dB Min/Max	P-1dB dBm Min/Typ	IP3 dBm Typ	VSWR Input Max/Typ	VSWR Output Max/Typ	+12 /+15 VDC Current mA/Nom	Size
CA23-2031A15	2.4	2.6	24	±0.5/±0.25	15	0 to +5	25	1.2	10	20	2.0:1/1.5:1	2.0:1/1.5:1	70	LCFB1
CA23-2032A15	2.4	2.6	24	±0.5/±0.25	15	0 to +5	25	1.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	70	LCFB1
CA23-2033A15	2.4	2.6	24	±0.5/±0.25	15	0 to +5	25	0.8	10	20	2.0:1/1.5:1	2.0:1/1.5:1	70	LCFB1
CA23-2034A15	2.4	2.6	24	±0.5/±0.25	15	0 to +5	25	0.7	10	20	2.0:1/1.5:1	2.0:1/1.5:1	70	LCFB1
CA23-2037A15	2.4	2.6	24	±0.5/±0.25	15	0 to +5	25	1.2	13	23	2.0:1/1.5:1	2.0:1/1.5:1	70	C2
CA23-2038A15	2.4	2.6	24	±0.5/±0.25	15	0 to +5	25	1.2	15	25	2.0:1/1.5:1	2.0:1/1.5:1	100	C2
CA23-2039A15	2.4	2.6	23	±0.5/±0.25	15	0 to +5	25	1.4	17	27	2.0:1/1.5:1	2.0:1/1.5:1	120	C2
CA23-2040A15	2.4	2.6	23	±0.5/±0.25	15	0 to +5	25	1.6	20	30	2.0:1/1.5:1	2.0:1/1.5:1	150	C2
CA23-2041A15	2.4	2.6	23	±0.5/±0.25	15	0 to +5	25	1.8	23	33	2.0:1/1.5:1	2.0:1/1.5:1	200	C2
CA23-2042A15	2.4	2.6	22	±0.5/±0.25	15	0 to +5	25	2.0	27	35	2.0:1/1.5:1	2.0:1/1.5:1	450	C2
CA23-2043A15	2.4	2.6	22	±0.5/±0.25	15	0 to +5	25	2.2	30	38	2.0:1/1.5:1	2.0:1/1.5:1	650	C2
CA23-3031A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	1.2	10	20	2.0:1/1.5:1	2.0:1/1.5:1	100	FB2
CA23-3032A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	1.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	100	FB2
CA23-3033A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	0.8	10	20	2.0:1/1.5:1	2.0:1/1.5:1	100	FB2
CA23-3034A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	0.7	10	20	2.0:1/1.5:1	2.0:1/1.5:1	100	FB2
CA23-3037A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	1.2	13	23	2.0:1/1.5:1	2.0:1/1.5:1	100	C3
CA23-3038A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	1.2	15	25	2.0:1/1.5:1	2.0:1/1.5:1	140	C3
CA23-3039A15	2.4	2.6	32	±0.5/±0.25	15	0 to +5	25	1.4	17	27	2.0:1/1.5:1	2.0:1/1.5:1	170	C3
CA23-3040A15	2.4	2.6	31	±0.5/±0.25	15	0 to +5	25	1.6	20	30	2.0:1/1.5:1	2.0:1/1.5:1	200	C3
CA23-3041A15	2.4	2.6	31	±0.5/±0.25	15	0 to +5	25	1.8	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	C3
CA23-3042A15	2.4	2.6	30	±0.5/±0.25	15	0 to +5	25	2.0	27	35	2.0:1/1.5:1	2.0:1/1.5:1	500	C3
CA23-3043A15	2.4	2.6	30	±0.5/±0.25	15	0 to +5	25	2.2	30	38	2.0:1/1.5:1	2.0:1/1.5:1	750	C3
CA23-4031A15	2.4	2.6	42/44	±0.5/±0.25	15	0 to +5	25	1.2	10	20	2.0:1/1.5:1	2.0:1/1.5:1	130	FB2
CA23-4032A15	2.4	2.6	42/44	±0.5/±0.25	15	0 to +5	25	1.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	130	FB2
CA23-4033A15	2.4	2.6	42/44	±0.5/±0.25	15	0 to +5	25	0.8	10	20	2.0:1/1.5:1	2.0:1/1.5:1	130	FB2
CA23-4034A15	2.4	2.6	42/44	±0.5/±0.25	15	0 to +5	25	0.7	10	20	2.0:1/1.5:1	2.0:1/1.5:1	130	FB2

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Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB Min/Typ	Flatness dB Max/Typ	Gain Attenuation Range dB Max	V <sub>CTRL</sub> Range VDC <small>0V=Min Atten/+5V=Max Atten</small>	Ctrl Current mA Nom	Noise dB Min/Max	P-1dB dBm Min/Typ	IP3 dBm Typ	VSWR Input Max/Typ	VSWR Output Max/Typ	+12 /+15 VDC Current mA/Nom	Size
CA23-4037A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	1.2	13	23	2.0:1/1.5:1	2.0:1/1.5:1	130	FB2
CA23-4038A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	1.2	15	25	2.0:1/1.5:1	2.0:1/1.5:1	170	FB2
CA23-4039A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	1.4	17	27	2.0:1/1.5:1	2.0:1/1.5:1	200	FB2
CA23-4040A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	1.6	20	30	2.0:1/1.5:1	2.0:1/1.5:1	230	FB2
CA23-4041A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	1.8	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	FB2
CA23-4042A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	2.0	27	35	2.0:1/1.5:1	2.0:1/1.5:1	530	FB2
CA23-4043A15	2.4	2.6	40/44	±0.5/±0.25	15	0 to +5	25	2.2	30	38	2.0:1/1.5:1	2.0:1/1.5:1	800	FB2

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Specifications Guaranteed @ Min Attenuation/+25°C Unless Otherwise Noted.

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