

Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Attenuation relative to Insertion Loss (dB)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.06	5.14	10.17	20.22	40.10	59.79	79.59	99.69	108.57	116.93
200	1.07	5.15	10.17	20.28	40.23	59.95	79.70	99.61	108.43	116.82
300	1.07	5.14	10.16	20.28	40.13	59.85	79.34	98.84	107.63	115.90
400	1.06	5.11	10.12	20.26	40.02	59.74	79.06	98.27	107.06	115.33
500	1.05	5.06	10.07	20.21	39.91	59.66	78.88	98.01	106.86	115.38
600	1.03	5.01	10.02	20.16	39.82	59.60	78.90	98.02	106.92	115.46
700	1.02	4.96	9.97	20.10	39.75	59.55	78.89	98.14	107.07	115.68
800	1.01	4.91	9.94	20.05	39.70	59.53	78.87	98.29	107.31	115.95
900	1.00	4.88	9.92	20.01	39.67	59.52	78.83	98.47	107.53	116.41
1000	0.99	4.86	9.92	20.00	39.67	59.55	78.99	98.61	107.73	116.54
1100	0.99	4.85	9.94	20.01	39.69	59.59	79.05	98.75	107.90	116.63
1200	1.00	4.85	9.99	20.03	39.73	59.66	79.13	98.91	108.11	116.84
1300	1.00	4.87	10.04	20.07	39.78	59.75	79.27	99.04	108.33	117.22
1400	1.00	4.89	10.09	20.12	39.84	59.84	79.40	99.19	108.46	117.55
1500	1.01	4.90	10.12	20.15	39.89	59.89	79.47	99.29	108.61	117.57
1600	1.01	4.91	10.13	20.15	39.90	59.92	79.61	99.38	108.71	117.74
1700	1.00	4.91	10.13	20.15	39.91	59.94	79.57	99.45	108.79	117.95
1800	1.00	4.92	10.14	20.15	39.91	59.97	79.58	99.53	108.84	117.94
1900	1.00	4.93	10.14	20.16	39.92	59.98	79.58	99.59	108.94	118.22
2000	1.00	4.95	10.16	20.17	39.94	60.02	79.62	99.67	109.02	118.31
2200	1.01	5.01	10.22	20.24	40.02	60.11	79.84	99.81	109.25	118.32
2400	1.03	5.08	10.29	20.33	40.11	60.21	79.95	99.99	109.42	118.72
2600	1.05	5.12	10.31	20.36	40.15	60.24	79.98	100.08	109.60	118.79
2800	1.05	5.11	10.25	20.33	40.12	60.19	80.04	100.19	109.70	119.39
3000	1.05	5.08	10.18	20.27	40.09	60.16	79.95	100.35	109.95	119.89
3200	1.05	5.07	10.13	20.25	40.09	60.15	80.04	100.47	110.07	119.98
3400	1.05	5.09	10.11	20.26	40.13	60.16	80.28	100.59	110.35	120.33
3600	1.06	5.14	10.12	20.31	40.20	60.23	80.19	100.81	110.50	120.69
3800	1.06	5.18	10.14	20.37	40.29	60.31	80.37	100.95	110.72	121.27
4000	1.06	5.22	10.17	20.42	40.38	60.33	80.37	101.14	110.95	121.22
4200	1.06	5.24	10.20	20.46	40.45	60.41	80.47	101.38	111.18	121.63
4400	1.05	5.26	10.21	20.48	40.51	60.42	80.69	101.47	111.37	122.06
4600	1.04	5.26	10.21	20.49	40.54	60.40	80.42	101.57	111.57	122.24
4800	1.03	5.24	10.19	20.48	40.54	60.40	80.60	101.63	111.63	122.60
5000	1.01	5.23	10.17	20.47	40.54	60.35	80.70	101.65	111.60	122.53
5200	1.01	5.23	10.15	20.49	40.55	60.34	80.58	101.70	111.70	122.70
5400	1.01	5.24	10.13	20.51	40.55	60.32	80.66	101.77	111.82	123.06
5600	1.01	5.24	10.13	20.56	40.56	60.38	80.90	101.87	112.02	122.57
5800	1.02	5.24	10.16	20.59	40.57	60.45	80.77	101.90	111.89	123.93
6000	1.01	5.18	10.11	20.54	40.49	60.43	80.68	101.89	112.01	123.79
6200	1.00	5.13	10.09	20.47	40.37	60.37	80.81	101.69	111.71	123.21
6300	0.99	5.10	10.08	20.44	40.31	60.34	80.62	101.65	111.78	123.22
6400	0.98	5.08	10.09	20.39	40.25	60.32	80.59	101.60	111.81	123.22
6500	0.98	5.05	10.09	20.33	40.16	60.28	80.94	101.52	111.57	123.08
6600	0.97	5.02	10.07	20.23	40.05	60.21	80.59	101.38	111.48	123.18
6700	0.95	4.99	10.05	20.12	39.92	60.11	80.54	101.15	111.22	121.98
6800	0.94	4.97	10.05	20.03	39.81	60.02	80.32	100.96	111.19	122.19
6900	0.94	4.97	10.06	19.98	39.72	59.92	80.27	100.79	111.06	123.05
7000	0.95	4.99	10.09	19.96	39.67	59.89	80.27	100.63	110.87	122.11
7100	0.96	5.03	10.14	19.97	39.63	59.86	80.03	100.54	110.83	121.90
7200	0.97	5.06	10.18	19.98	39.61	59.81	80.36	100.45	110.64	122.21
7300	0.99	5.10	10.24	20.01	39.59	59.79	79.79	100.39	110.58	121.69
7400	1.01	5.15	10.30	20.06	39.60	59.80	79.84	100.25	110.28	121.25
7500	1.02	5.19	10.36	20.14	39.62	59.84	79.64	100.09	110.13	121.81
7600	1.04	5.22	10.40	20.20	39.65	59.84	79.80	100.01	109.92	121.31
7700	1.05	5.23	10.43	20.27	39.67	59.81	79.86	99.85	109.65	120.69
7800	1.05	5.22	10.43	20.31	39.67	59.74	79.85	99.60	109.45	120.14
7900	1.04	5.19	10.40	20.32	39.62	59.65	79.60	99.37	109.21	119.63
8000	1.04	5.16	10.35	20.32	39.57	59.56	79.39	99.11	109.00	119.12

Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuits' applicable established test performance criteria and measurement instructions.
- C. The parts covered by this specification document are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MC1Store/terms.jsp



Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Attenuation accuracy relative to nominal attenuation setting (dB)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	-0.06	-0.14	-0.17	-0.22	-0.10	0.21	0.41	0.31	1.43	3.07
200	-0.07	-0.15	-0.17	-0.28	-0.23	0.05	0.30	0.39	1.57	3.18
300	-0.07	-0.14	-0.16	-0.28	-0.13	0.15	0.66	1.16	2.37	4.10
400	-0.06	-0.11	-0.12	-0.26	-0.02	0.26	0.94	1.73	2.94	4.67
500	-0.05	-0.06	-0.07	-0.21	0.09	0.34	1.12	1.99	3.14	4.62
600	-0.03	-0.01	-0.02	-0.16	0.18	0.40	1.10	1.98	3.08	4.54
700	-0.02	0.04	0.03	-0.10	0.25	0.45	1.11	1.86	2.93	4.32
800	-0.01	0.09	0.06	-0.05	0.30	0.47	1.13	1.71	2.69	4.05
900	0.00	0.12	0.08	-0.01	0.33	0.48	1.17	1.53	2.47	3.59
1000	0.01	0.14	0.08	0.00	0.33	0.45	1.01	1.39	2.27	3.46
1100	0.01	0.15	0.06	-0.01	0.31	0.41	0.95	1.25	2.10	3.37
1200	0.00	0.15	0.01	-0.03	0.27	0.34	0.87	1.09	1.89	3.16
1300	0.00	0.13	-0.04	-0.07	0.22	0.25	0.73	0.96	1.67	2.78
1400	0.00	0.11	-0.09	-0.12	0.16	0.16	0.60	0.81	1.54	2.45
1500	-0.01	0.10	-0.12	-0.15	0.11	0.11	0.53	0.71	1.39	2.43
1600	-0.01	0.09	-0.13	-0.15	0.10	0.08	0.39	0.62	1.29	2.26
1700	0.00	0.09	-0.13	-0.15	0.09	0.06	0.43	0.55	1.21	2.05
1800	0.00	0.08	-0.14	-0.15	0.09	0.03	0.42	0.47	1.16	2.06
1900	0.00	0.07	-0.14	-0.16	0.08	0.02	0.42	0.41	1.06	1.78
2000	0.00	0.05	-0.16	-0.17	0.06	-0.02	0.38	0.33	0.98	1.69
2200	-0.01	-0.01	-0.22	-0.24	-0.02	-0.11	0.16	0.19	0.75	1.68
2400	-0.03	-0.08	-0.29	-0.33	-0.11	-0.21	0.05	0.01	0.58	1.28
2600	-0.05	-0.12	-0.31	-0.36	-0.15	-0.24	0.02	-0.08	0.40	1.21
2800	-0.05	-0.11	-0.25	-0.33	-0.12	-0.19	-0.04	-0.19	0.30	0.61
3000	-0.05	-0.08	-0.18	-0.27	-0.09	-0.16	0.05	-0.35	0.05	0.11
3200	-0.05	-0.07	-0.13	-0.25	-0.09	-0.15	-0.04	-0.47	-0.07	0.02
3400	-0.05	-0.09	-0.11	-0.26	-0.13	-0.16	-0.28	-0.59	-0.35	-0.33
3600	-0.06	-0.14	-0.12	-0.31	-0.20	-0.23	-0.19	-0.81	-0.50	-0.69
3800	-0.06	-0.18	-0.14	-0.37	-0.29	-0.31	-0.37	-0.95	-0.72	-1.27
4000	-0.06	-0.22	-0.17	-0.42	-0.38	-0.33	-0.37	-1.14	-0.95	-1.22
4200	-0.06	-0.24	-0.20	-0.46	-0.45	-0.41	-0.47	-1.38	-1.18	-1.63
4400	-0.05	-0.26	-0.21	-0.48	-0.51	-0.42	-0.69	-1.47	-1.37	-2.06
4600	-0.04	-0.26	-0.21	-0.49	-0.54	-0.40	-0.42	-1.57	-1.57	-2.24
4800	-0.03	-0.24	-0.19	-0.48	-0.54	-0.40	-0.60	-1.63	-1.63	-2.60
5000	-0.01	-0.23	-0.17	-0.47	-0.54	-0.35	-0.70	-1.65	-1.60	-2.53
5200	-0.01	-0.23	-0.15	-0.49	-0.55	-0.34	-0.58	-1.70	-1.70	-2.70
5400	-0.01	-0.24	-0.13	-0.51	-0.55	-0.32	-0.66	-1.77	-1.82	-3.06
5600	-0.01	-0.24	-0.13	-0.56	-0.56	-0.38	-0.90	-1.87	-2.02	-2.57
5800	-0.02	-0.24	-0.16	-0.59	-0.57	-0.45	-0.77	-1.90	-1.89	-3.93
6000	-0.01	-0.18	-0.11	-0.54	-0.49	-0.43	-0.68	-1.89	-2.01	-3.79
6200	0.00	-0.13	-0.09	-0.47	-0.37	-0.37	-0.81	-1.69	-1.71	-3.21
6300	0.01	-0.10	-0.08	-0.44	-0.31	-0.34	-0.62	-1.65	-1.78	-3.22
6400	0.02	-0.08	-0.09	-0.39	-0.25	-0.32	-0.59	-1.60	-1.81	-3.22
6500	0.02	-0.05	-0.09	-0.33	-0.16	-0.28	-0.94	-1.52	-1.57	-3.08
6600	0.03	-0.02	-0.07	-0.23	-0.05	-0.21	-0.59	-1.38	-1.48	-3.18
6700	0.05	0.01	-0.05	-0.12	0.08	-0.11	-0.54	-1.15	-1.22	-1.98
6800	0.06	0.03	-0.05	-0.03	0.19	-0.02	-0.32	-0.96	-1.19	-2.19
6900	0.06	0.03	-0.06	0.02	0.28	0.08	-0.27	-0.79	-1.06	-3.05
7000	0.05	0.01	-0.09	0.04	0.33	0.11	-0.27	-0.63	-0.87	-2.11
7100	0.04	-0.03	-0.14	0.03	0.37	0.14	-0.03	-0.54	-0.83	-1.90
7200	0.03	-0.06	-0.18	0.02	0.39	0.19	-0.36	-0.45	-0.64	-2.21
7300	0.01	-0.10	-0.24	-0.01	0.41	0.21	0.21	-0.39	-0.58	-1.69
7400	-0.01	-0.15	-0.30	-0.06	0.40	0.20	0.16	-0.25	-0.28	-1.25
7500	-0.02	-0.19	-0.36	-0.14	0.38	0.16	0.36	-0.09	-0.13	-1.81
7600	-0.04	-0.22	-0.40	-0.20	0.35	0.16	0.20	-0.01	0.08	-1.31
7700	-0.05	-0.23	-0.43	-0.27	0.33	0.19	0.14	0.15	0.35	-0.69
7800	-0.05	-0.22	-0.43	-0.31	0.33	0.26	0.15	0.40	0.55	-0.14
7900	-0.04	-0.19	-0.40	-0.32	0.38	0.35	0.40	0.63	0.79	0.37
8000	-0.04	-0.16	-0.35	-0.32	0.43	0.44	0.61	0.89	1.00	0.88

Notes

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- B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuits' applicable established test performance criteria and measurement instructions.
- C. The parts covered by this specification document are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/ACL/Store/terms.jsp



Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Input VSWR (:1)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.67	1.47	1.22	1.33	1.17	1.14	1.13	1.16	1.14	1.14
200	1.47	1.35	1.12	1.28	1.08	1.05	1.03	1.07	1.06	1.06
300	1.39	1.31	1.09	1.27	1.06	1.04	1.01	1.06	1.04	1.04
400	1.31	1.27	1.07	1.25	1.06	1.05	1.03	1.05	1.06	1.06
500	1.24	1.25	1.06	1.25	1.06	1.06	1.04	1.05	1.06	1.06
600	1.18	1.24	1.06	1.25	1.07	1.07	1.05	1.06	1.07	1.07
700	1.15	1.24	1.06	1.25	1.08	1.08	1.06	1.07	1.08	1.08
800	1.16	1.24	1.06	1.25	1.08	1.09	1.07	1.07	1.10	1.10
900	1.20	1.26	1.06	1.24	1.08	1.10	1.08	1.07	1.10	1.10
1000	1.26	1.28	1.06	1.24	1.09	1.11	1.09	1.08	1.11	1.11
1100	1.30	1.30	1.07	1.24	1.09	1.12	1.11	1.08	1.13	1.13
1200	1.33	1.30	1.08	1.22	1.10	1.14	1.12	1.09	1.15	1.15
1300	1.32	1.29	1.08	1.21	1.09	1.16	1.14	1.09	1.16	1.16
1400	1.30	1.27	1.07	1.19	1.09	1.16	1.14	1.09	1.17	1.17
1500	1.26	1.24	1.07	1.17	1.08	1.17	1.14	1.09	1.17	1.17
1600	1.22	1.21	1.06	1.16	1.07	1.16	1.14	1.08	1.17	1.17
1700	1.19	1.19	1.05	1.15	1.06	1.16	1.14	1.07	1.17	1.17
1800	1.14	1.17	1.05	1.14	1.05	1.16	1.14	1.07	1.17	1.17
1900	1.10	1.14	1.06	1.13	1.05	1.17	1.14	1.07	1.17	1.17
2000	1.06	1.12	1.07	1.11	1.06	1.18	1.15	1.08	1.18	1.18
2200	1.07	1.11	1.08	1.10	1.06	1.18	1.16	1.08	1.19	1.19
2400	1.12	1.12	1.09	1.09	1.07	1.19	1.16	1.08	1.19	1.19
2600	1.18	1.15	1.09	1.11	1.08	1.18	1.15	1.08	1.19	1.19
2800	1.22	1.18	1.09	1.13	1.08	1.16	1.13	1.07	1.17	1.17
3000	1.21	1.18	1.07	1.14	1.06	1.14	1.11	1.06	1.14	1.14
3200	1.19	1.16	1.08	1.13	1.07	1.15	1.12	1.07	1.15	1.15
3400	1.22	1.19	1.10	1.14	1.08	1.14	1.12	1.08	1.15	1.15
3600	1.28	1.22	1.13	1.16	1.09	1.13	1.10	1.08	1.13	1.13
3800	1.29	1.23	1.12	1.17	1.07	1.10	1.07	1.07	1.10	1.10
4000	1.25	1.21	1.10	1.17	1.06	1.07	1.05	1.06	1.08	1.08
4200	1.16	1.17	1.07	1.16	1.04	1.06	1.05	1.04	1.06	1.06
4400	1.08	1.14	1.04	1.17	1.04	1.06	1.04	1.04	1.06	1.06
4600	1.05	1.13	1.02	1.18	1.05	1.05	1.05	1.04	1.05	1.05
4800	1.16	1.15	1.06	1.19	1.07	1.07	1.08	1.05	1.07	1.07
5000	1.26	1.17	1.11	1.18	1.08	1.12	1.14	1.08	1.12	1.12
5200	1.26	1.14	1.11	1.14	1.08	1.16	1.18	1.09	1.16	1.16
5400	1.26	1.13	1.09	1.13	1.08	1.16	1.18	1.09	1.16	1.16
5600	1.21	1.10	1.12	1.17	1.13	1.20	1.24	1.14	1.21	1.21
5800	1.07	1.06	1.21	1.18	1.22	1.32	1.35	1.24	1.32	1.32
6000	1.21	1.19	1.29	1.18	1.27	1.38	1.40	1.28	1.38	1.38
6200	1.38	1.31	1.37	1.18	1.30	1.40	1.42	1.31	1.41	1.41
6300	1.44	1.35	1.39	1.18	1.30	1.40	1.42	1.31	1.41	1.41
6400	1.47	1.36	1.40	1.18	1.30	1.39	1.40	1.30	1.40	1.39
6500	1.49	1.38	1.42	1.18	1.30	1.39	1.40	1.30	1.39	1.39
6600	1.54	1.42	1.46	1.21	1.33	1.42	1.43	1.32	1.42	1.42
6700	1.62	1.48	1.52	1.25	1.37	1.46	1.47	1.37	1.46	1.46
6800	1.70	1.56	1.60	1.30	1.44	1.52	1.53	1.43	1.52	1.53
6900	1.77	1.62	1.67	1.35	1.50	1.58	1.59	1.49	1.59	1.59
7000	1.77	1.64	1.71	1.38	1.55	1.63	1.62	1.54	1.64	1.64
7100	1.70	1.61	1.71	1.39	1.57	1.65	1.63	1.56	1.65	1.65
7200	1.58	1.54	1.65	1.37	1.55	1.63	1.60	1.55	1.63	1.63
7300	1.45	1.46	1.59	1.35	1.53	1.60	1.57	1.52	1.60	1.60
7400	1.36	1.41	1.56	1.34	1.52	1.60	1.57	1.52	1.60	1.60
7500	1.27	1.36	1.53	1.34	1.53	1.60	1.57	1.53	1.61	1.61
7600	1.23	1.35	1.53	1.36	1.55	1.62	1.59	1.56	1.63	1.63
7700	1.24	1.36	1.55	1.40	1.59	1.67	1.62	1.60	1.68	1.68
7800	1.30	1.39	1.58	1.46	1.64	1.72	1.67	1.66	1.73	1.73
7900	1.39	1.43	1.60	1.50	1.68	1.75	1.69	1.70	1.76	1.76
8000	1.48	1.45	1.60	1.52	1.68	1.75	1.67	1.70	1.76	1.76

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Output VSWR (:1)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.72	1.43	1.32	1.19	1.28	1.16	1.17	1.17	1.17	1.14
200	1.50	1.25	1.22	1.09	1.23	1.09	1.09	1.09	1.09	1.06
300	1.40	1.21	1.20	1.07	1.22	1.07	1.08	1.08	1.08	1.04
400	1.31	1.18	1.18	1.06	1.21	1.06	1.07	1.07	1.07	1.03
500	1.21	1.18	1.18	1.06	1.21	1.06	1.07	1.07	1.07	1.03
600	1.13	1.19	1.19	1.07	1.21	1.06	1.07	1.07	1.07	1.03
700	1.06	1.21	1.20	1.08	1.21	1.06	1.08	1.08	1.08	1.04
800	1.08	1.25	1.22	1.09	1.20	1.06	1.08	1.08	1.08	1.04
900	1.15	1.28	1.24	1.09	1.20	1.06	1.08	1.07	1.07	1.05
1000	1.23	1.32	1.26	1.09	1.19	1.06	1.08	1.08	1.08	1.05
1100	1.30	1.36	1.28	1.10	1.19	1.07	1.08	1.08	1.08	1.06
1200	1.36	1.38	1.30	1.10	1.18	1.07	1.08	1.08	1.08	1.07
1300	1.39	1.39	1.30	1.10	1.17	1.07	1.09	1.08	1.08	1.08
1400	1.39	1.37	1.29	1.09	1.16	1.07	1.08	1.08	1.08	1.08
1500	1.37	1.35	1.28	1.08	1.15	1.07	1.08	1.08	1.08	1.08
1600	1.35	1.33	1.27	1.06	1.14	1.06	1.07	1.07	1.07	1.08
1700	1.33	1.31	1.25	1.05	1.12	1.06	1.06	1.06	1.06	1.08
1800	1.32	1.29	1.23	1.04	1.11	1.06	1.06	1.06	1.06	1.09
1900	1.31	1.28	1.22	1.02	1.10	1.07	1.07	1.07	1.07	1.09
2000	1.32	1.26	1.20	1.02	1.08	1.07	1.07	1.07	1.07	1.10
2200	1.36	1.26	1.17	1.04	1.05	1.08	1.07	1.07	1.07	1.12
2400	1.42	1.28	1.17	1.08	1.04	1.10	1.08	1.08	1.08	1.13
2600	1.50	1.32	1.18	1.11	1.05	1.11	1.09	1.09	1.09	1.13
2800	1.53	1.35	1.20	1.13	1.07	1.11	1.09	1.09	1.09	1.14
3000	1.52	1.36	1.22	1.16	1.09	1.13	1.10	1.10	1.10	1.15
3200	1.45	1.34	1.23	1.18	1.11	1.13	1.11	1.11	1.11	1.15
3400	1.34	1.31	1.22	1.19	1.12	1.14	1.12	1.12	1.12	1.16
3600	1.23	1.28	1.22	1.20	1.14	1.15	1.12	1.12	1.12	1.16
3800	1.14	1.24	1.22	1.20	1.15	1.15	1.13	1.13	1.13	1.16
4000	1.10	1.20	1.22	1.18	1.15	1.15	1.12	1.12	1.12	1.15
4200	1.11	1.15	1.22	1.16	1.15	1.14	1.12	1.12	1.12	1.14
4400	1.13	1.09	1.20	1.14	1.14	1.13	1.11	1.11	1.11	1.13
4600	1.13	1.05	1.19	1.12	1.14	1.12	1.11	1.11	1.11	1.13
4800	1.11	1.08	1.18	1.09	1.16	1.12	1.10	1.10	1.10	1.12
5000	1.14	1.17	1.19	1.07	1.17	1.10	1.09	1.09	1.09	1.09
5200	1.19	1.25	1.22	1.08	1.18	1.08	1.07	1.07	1.07	1.07
5400	1.24	1.31	1.24	1.09	1.20	1.07	1.07	1.07	1.07	1.04
5600	1.28	1.34	1.25	1.10	1.21	1.06	1.07	1.07	1.07	1.03
5800	1.30	1.34	1.25	1.11	1.23	1.08	1.10	1.10	1.10	1.04
6000	1.27	1.27	1.19	1.09	1.24	1.11	1.14	1.14	1.14	1.09
6200	1.19	1.17	1.10	1.04	1.22	1.12	1.16	1.16	1.16	1.11
6300	1.16	1.15	1.07	1.04	1.21	1.12	1.17	1.17	1.17	1.13
6400	1.14	1.13	1.04	1.06	1.21	1.14	1.19	1.19	1.19	1.14
6500	1.14	1.15	1.05	1.09	1.22	1.16	1.21	1.21	1.21	1.17
6600	1.20	1.21	1.10	1.13	1.22	1.18	1.24	1.24	1.24	1.19
6700	1.30	1.31	1.17	1.19	1.23	1.21	1.27	1.27	1.27	1.23
6800	1.42	1.42	1.25	1.25	1.23	1.24	1.30	1.30	1.30	1.26
6900	1.55	1.54	1.33	1.31	1.23	1.26	1.32	1.33	1.33	1.29
7000	1.65	1.64	1.40	1.36	1.23	1.28	1.34	1.34	1.34	1.31
7100	1.73	1.71	1.46	1.40	1.22	1.29	1.35	1.35	1.35	1.33
7200	1.78	1.76	1.49	1.43	1.22	1.30	1.36	1.36	1.36	1.34
7300	1.81	1.80	1.53	1.46	1.22	1.32	1.38	1.38	1.38	1.36
7400	1.84	1.83	1.56	1.49	1.22	1.34	1.39	1.40	1.40	1.39
7500	1.85	1.84	1.58	1.52	1.23	1.36	1.42	1.42	1.42	1.42
7600	1.84	1.83	1.59	1.54	1.24	1.39	1.45	1.45	1.45	1.45
7700	1.80	1.79	1.58	1.55	1.24	1.42	1.47	1.47	1.47	1.48
7800	1.74	1.73	1.55	1.55	1.24	1.44	1.49	1.48	1.48	1.51
7900	1.65	1.63	1.51	1.53	1.24	1.45	1.49	1.49	1.49	1.53
8000	1.55	1.52	1.44	1.50	1.22	1.46	1.49	1.49	1.49	1.53

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Cross-Over Isolation (dB)									
	In1-In2	In2-In3	In3-In4	Out1- Out2	Out2- Out3	Out3- Out4	In1- Out2	Out1- In2	In3- Out4	Out3- In4
100	145.31	150.75	144.73	149.90	146.55	147.39	152.62	148.59	143.34	144.94
200	148.32	151.23	145.70	150.19	145.22	149.12	152.04	147.74	147.03	148.24
300	146.68	151.95	145.14	149.83	145.84	147.69	150.01	149.62	144.31	145.78
400	143.80	151.28	144.59	149.68	145.87	148.30	151.28	148.70	143.88	146.14
500	144.57	149.79	144.85	148.91	147.52	148.06	151.12	147.77	146.06	148.21
600	145.56	150.62	145.98	150.58	145.28	145.02	151.50	148.15	146.31	146.40
700	144.98	149.40	144.74	149.83	147.01	145.78	150.29	146.82	144.49	145.73
800	144.45	150.38	144.52	147.92	145.63	146.86	151.68	146.59	145.34	145.28
900	147.49	151.61	144.42	148.16	150.01	148.09	149.56	146.63	147.06	146.55
1000	148.23	152.54	144.84	149.59	148.18	147.85	150.12	149.16	145.45	145.36
1100	144.79	149.58	144.76	148.01	147.93	146.24	151.11	147.54	144.85	146.47
1200	147.85	148.70	144.30	148.29	147.27	148.05	148.08	145.84	145.23	145.42
1300	145.86	149.03	144.65	150.74	145.66	148.16	150.14	144.76	144.62	145.41
1400	145.64	150.50	147.48	148.00	144.10	145.96	151.41	146.27	144.95	145.78
1500	144.12	151.78	146.61	151.84	145.11	145.96	149.23	147.28	147.27	144.32
1600	146.12	149.38	143.95	148.83	145.40	146.39	150.70	147.32	144.90	145.55
1700	145.58	149.24	146.99	149.61	142.63	147.16	151.51	147.57	146.26	149.13
1800	144.21	151.60	144.44	149.19	143.88	144.23	149.77	147.38	145.23	145.52
1900	146.53	150.03	146.17	149.56	145.16	144.60	148.09	145.55	143.78	145.84
2000	144.69	148.90	145.98	149.73	144.45	146.47	149.45	145.91	143.75	145.88
2200	138.73	150.90	142.48	148.01	144.17	145.43	141.36	148.38	145.56	145.19
2400	141.55	147.93	144.37	150.67	147.01	147.09	148.13	146.37	146.59	145.61
2600	145.77	146.12	142.20	147.06	145.93	147.82	148.03	141.75	142.31	141.77
2800	143.11	131.38	141.47	149.01	144.62	146.88	149.12	140.39	143.92	147.10
3000	148.66	144.07	144.53	149.93	147.63	146.94	150.61	149.23	147.26	146.82
3200	145.17	146.09	144.95	147.99	144.64	145.45	150.88	148.92	145.84	145.89
3400	141.42	140.04	144.41	143.41	143.37	146.89	145.77	140.52	147.83	146.12
3600	145.56	147.33	144.62	145.97	145.69	146.10	149.20	145.85	145.29	145.72
3800	145.76	150.02	144.55	148.70	145.80	147.32	151.84	146.37	145.76	144.92
4000	145.48	148.04	143.04	148.35	145.16	147.64	149.88	147.66	146.32	145.16
4200	147.43	149.13	143.65	147.06	145.35	147.88	147.40	149.29	144.96	144.92
4400	144.16	147.44	146.89	146.82	144.07	146.29	147.85	145.97	147.43	145.97
4600	144.21	146.25	145.29	145.54	145.26	144.55	144.25	146.28	146.74	143.85
4800	145.65	147.24	145.10	147.49	145.82	143.96	146.35	146.35	145.34	144.15
5000	145.89	148.86	145.03	146.68	142.98	145.35	150.49	146.92	144.27	145.86
5200	144.63	147.76	143.30	148.49	142.66	146.50	148.63	147.00	144.94	144.75
5400	137.99	145.65	140.15	142.14	142.01	143.56	146.95	146.02	143.66	145.42
5600	141.91	147.13	144.43	145.51	143.37	143.14	146.06	144.84	143.91	145.14
5800	138.24	141.44	141.01	141.13	144.38	143.51	143.71	145.98	144.23	144.53
6000	139.30	143.64	134.25	140.82	140.69	145.97	143.05	142.65	139.43	136.95
6200	139.52	141.40	141.58	136.94	139.61	142.22	140.26	141.69	141.20	144.43
6300	141.80	144.26	140.00	139.76	142.71	145.78	145.48	143.35	141.15	145.08
6400	140.71	144.41	141.92	142.52	144.01	143.09	145.20	146.24	143.57	143.21
6500	141.91	146.98	139.04	140.67	143.09	144.94	145.44	145.89	144.72	143.31
6600	143.84	147.98	140.60	135.53	140.67	142.37	141.59	142.73	142.60	142.39
6700	140.03	146.97	140.38	131.67	138.49	144.74	138.88	138.36	143.09	144.62
6800	140.40	145.03	144.05	132.02	141.23	142.21	140.65	141.23	143.18	143.35
6900	139.34	145.22	139.39	131.71	137.82	144.54	139.78	142.96	140.98	142.67
7000	137.58	141.35	140.56	134.24	139.27	141.38	140.42	141.70	140.18	140.40
7100	140.44	139.76	142.01	135.25	139.78	141.75	143.24	140.82	142.94	141.49
7200	139.50	142.40	139.18	136.24	138.05	143.36	144.21	145.76	141.11	142.94
7300	137.63	145.35	140.50	140.12	134.59	142.96	140.79	146.57	142.84	142.19
7400	142.53	144.45	141.19	140.11	134.39	142.34	140.60	144.66	144.40	142.11
7500	144.45	144.33	138.94	142.13	133.22	143.76	138.39	142.37	144.54	141.96
7600	143.64	145.39	138.24	136.99	134.65	142.30	133.72	140.04	140.17	142.21
7700	138.32	142.21	138.73	132.95	137.18	140.38	132.01	137.35	138.04	140.14
7800	132.51	139.78	136.13	132.17	135.15	140.10	131.32	133.04	136.42	140.36
7900	128.45	140.08	133.97	127.75	135.84	141.49	130.34	130.08	135.88	140.81
8000	125.44	140.08	133.97	124.11	134.98	139.62	127.92	129.31	135.61	139.31

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 0°C

FREQUENCY (MHz)	I. Loss (dB)
100	4.26
200	4.23
300	4.30
400	4.41
500	4.55
600	4.69
700	4.83
800	4.97
900	5.09
1000	5.20
1100	5.27
1200	5.32
1300	5.38
1400	5.49
1500	5.61
1600	5.66
1700	5.67
1800	5.70
1900	5.74
2000	5.79
2200	5.90
2400	6.02
2600	6.22
2800	6.48
3000	6.73
3200	6.94
3400	7.13
3600	7.31
3800	7.47
4000	7.65
4200	7.83
4400	8.04
4600	8.27
4800	8.53
5000	8.78
5200	9.02
5400	9.25
5600	9.49
5800	9.74
6000	10.05
6200	10.40
6300	10.59
6400	10.80
6500	11.05
6600	11.35
6700	11.64
6800	11.87
6900	12.04
7000	12.16
7100	12.27
7200	12.38
7300	12.49
7400	12.59
7500	12.67
7600	12.74
7700	12.81
7800	12.90
7900	13.00
8000	13.10

FREQUENCY (MHz)	IP3 (dBm)
1	22.90
10	33.88
50	43.83
100	48.23
200	50.73
500	52.73
1000	55.39
1500	51.49
2000	51.77
2500	53.32
3000	52.44
3500	54.17
4000	52.76
4500	52.45
5000	53.30
5500	50.67
6000	49.41
6500	50.29
7000	48.72
7500	48.34
8000	47.83

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 25°C

FREQUENCY (MHz)	Attenuation relative to Insertion Loss (dB)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.06	5.12	10.17	20.17	40.11	59.74	79.46	99.21	108.11	116.28
200	1.06	5.12	10.17	20.20	40.13	59.77	79.47	99.12	107.98	116.15
300	1.06	5.09	10.14	20.19	40.01	59.67	79.08	98.35	107.17	115.32
400	1.05	5.06	10.09	20.16	39.88	59.53	78.76	97.77	106.59	114.75
500	1.03	5.01	10.04	20.11	39.77	59.45	78.57	97.54	106.40	114.72
600	1.02	4.96	9.98	20.05	39.68	59.36	78.52	97.56	106.49	114.87
700	1.01	4.91	9.93	19.99	39.61	59.31	78.52	97.69	106.69	115.07
800	1.00	4.86	9.89	19.93	39.55	59.28	78.53	97.85	106.90	115.36
900	0.99	4.83	9.87	19.90	39.52	59.28	78.58	98.00	107.09	115.70
1000	0.99	4.81	9.88	19.89	39.53	59.31	78.65	98.16	107.29	115.84
1100	0.99	4.82	9.91	19.91	39.55	59.37	78.75	98.29	107.43	116.08
1200	0.99	4.83	9.96	19.94	39.60	59.43	78.88	98.42	107.61	116.35
1300	1.00	4.85	10.01	19.98	39.66	59.52	79.01	98.59	107.78	116.59
1400	1.00	4.87	10.06	20.02	39.72	59.59	79.12	98.72	107.93	116.74
1500	1.00	4.89	10.09	20.05	39.76	59.66	79.17	98.83	108.05	116.88
1600	1.00	4.90	10.10	20.06	39.78	59.68	79.23	98.92	108.16	117.04
1700	1.00	4.90	10.11	20.06	39.79	59.72	79.26	98.99	108.27	117.16
1800	0.99	4.90	10.11	20.05	39.79	59.72	79.31	99.05	108.36	117.31
1900	0.99	4.90	10.12	20.05	39.80	59.76	79.34	99.14	108.44	117.43
2000	0.99	4.92	10.13	20.06	39.82	59.79	79.36	99.21	108.53	117.51
2200	1.00	4.97	10.19	20.12	39.89	59.87	79.51	99.37	108.76	117.78
2400	1.02	5.03	10.26	20.20	39.98	59.96	79.64	99.55	108.94	118.23
2600	1.04	5.07	10.28	20.23	40.02	60.00	79.72	99.66	109.08	118.36
2800	1.04	5.07	10.23	20.21	40.00	59.98	79.70	99.75	109.24	118.52
3000	1.04	5.05	10.16	20.17	39.96	59.94	79.71	99.86	109.41	118.98
3200	1.04	5.04	10.10	20.15	39.95	59.91	79.73	99.99	109.57	119.22
3400	1.04	5.06	10.07	20.16	39.99	59.94	79.83	100.15	109.79	119.55
3600	1.05	5.10	10.08	20.21	40.06	60.01	79.90	100.28	110.00	119.82
3800	1.05	5.14	10.10	20.27	40.15	60.06	80.05	100.50	110.25	120.36
4000	1.05	5.18	10.13	20.32	40.24	60.10	80.10	100.64	110.38	120.41
4200	1.05	5.21	10.16	20.35	40.32	60.13	80.20	100.81	110.60	120.99
4400	1.04	5.21	10.17	20.37	40.38	60.14	80.29	100.99	110.81	121.04
4600	1.03	5.21	10.17	20.37	40.41	60.20	80.31	101.04	110.90	121.58
4800	1.02	5.19	10.15	20.36	40.43	60.12	80.33	101.14	111.07	121.55
5000	1.01	5.18	10.12	20.35	40.43	60.11	80.33	101.23	111.15	122.05
5200	1.00	5.18	10.10	20.36	40.45	60.12	80.30	101.24	111.21	121.95
5400	1.01	5.19	10.10	20.40	40.48	60.16	80.36	101.33	111.28	122.19
5600	1.01	5.19	10.09	20.44	40.51	60.19	80.45	101.37	111.34	122.86
5800	1.01	5.17	10.09	20.46	40.50	60.25	80.46	101.38	111.41	122.46
6000	1.01	5.13	10.07	20.44	40.45	60.29	80.58	101.34	111.44	122.65
6200	1.00	5.08	10.06	20.38	40.36	60.23	80.63	101.24	111.26	122.74
6300	0.99	5.05	10.05	20.33	40.30	60.17	80.53	101.24	111.33	122.91
6400	0.98	5.03	10.05	20.28	40.23	60.20	80.46	101.18	111.28	123.08
6500	0.97	5.00	10.04	20.21	40.14	60.16	80.40	101.12	111.28	122.34
6600	0.96	4.98	10.04	20.14	40.05	60.07	80.26	100.93	111.04	122.67
6700	0.95	4.96	10.03	20.06	39.95	59.97	80.24	100.85	110.94	122.31
6800	0.95	4.95	10.04	19.99	39.85	59.90	80.15	100.58	110.69	121.91
6900	0.95	4.95	10.05	19.93	39.77	59.83	80.09	100.47	110.45	121.78
7000	0.96	4.96	10.07	19.90	39.70	59.72	79.99	100.36	110.40	121.48
7100	0.96	4.99	10.11	19.89	39.66	59.76	79.92	100.27	110.28	121.18
7200	0.98	5.03	10.16	19.92	39.64	59.73	79.85	100.16	110.09	120.91
7300	1.00	5.07	10.22	19.96	39.65	59.74	79.90	100.09	109.98	121.28
7400	1.02	5.12	10.28	20.02	39.67	59.74	79.73	99.98	109.86	121.01
7500	1.03	5.16	10.33	20.09	39.69	59.72	79.83	99.88	109.71	120.51
7600	1.04	5.19	10.37	20.15	39.70	59.78	79.86	99.77	109.53	120.50
7700	1.05	5.20	10.38	20.19	39.70	59.70	79.67	99.49	108.91	120.44
7800	1.05	5.19	10.38	20.23	39.68	59.69	79.55	99.42	109.01	119.66
7900	1.05	5.17	10.36	20.25	39.65	59.63	79.48	99.21	108.71	118.93
8000	1.04	5.15	10.34	20.27	39.63	59.55	79.35	99.07	108.56	118.30

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 25°C

FREQUENCY (MHz)	Attenuation accuracy relative to nominal attenuation setting (dB)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	-0.06	-0.12	-0.17	-0.17	-0.11	0.26	0.54	0.79	1.89	3.72
200	-0.06	-0.12	-0.17	-0.20	-0.13	0.23	0.53	0.88	2.02	3.85
300	-0.06	-0.09	-0.14	-0.19	-0.01	0.33	0.92	1.65	2.83	4.68
400	-0.05	-0.06	-0.09	-0.16	0.12	0.47	1.24	2.23	3.41	5.25
500	-0.03	-0.01	-0.04	-0.11	0.23	0.55	1.43	2.46	3.60	5.28
600	-0.02	0.04	0.02	-0.05	0.32	0.64	1.48	2.44	3.51	5.13
700	-0.01	0.09	0.07	0.01	0.39	0.69	1.48	2.31	3.31	4.93
800	0.00	0.14	0.11	0.07	0.45	0.72	1.47	2.15	3.10	4.64
900	0.01	0.17	0.13	0.10	0.48	0.72	1.42	2.00	2.91	4.30
1000	0.01	0.19	0.12	0.11	0.47	0.69	1.35	1.84	2.71	4.16
1100	0.01	0.18	0.09	0.09	0.45	0.63	1.25	1.71	2.57	3.92
1200	0.01	0.17	0.04	0.06	0.40	0.57	1.12	1.58	2.39	3.65
1300	0.00	0.15	-0.01	0.02	0.34	0.48	0.99	1.41	2.22	3.41
1400	0.00	0.13	-0.06	-0.02	0.28	0.41	0.88	1.28	2.07	3.26
1500	0.00	0.11	-0.09	-0.05	0.24	0.34	0.83	1.17	1.95	3.12
1600	0.00	0.10	-0.10	-0.06	0.22	0.32	0.77	1.08	1.84	2.96
1700	0.00	0.10	-0.11	-0.06	0.21	0.28	0.74	1.01	1.73	2.84
1800	0.01	0.10	-0.11	-0.05	0.21	0.28	0.69	0.95	1.64	2.69
1900	0.01	0.10	-0.12	-0.05	0.20	0.24	0.66	0.86	1.56	2.57
2000	0.01	0.08	-0.13	-0.06	0.18	0.21	0.64	0.79	1.47	2.49
2200	0.00	0.03	-0.19	-0.12	0.11	0.13	0.49	0.63	1.24	2.22
2400	-0.02	-0.03	-0.26	-0.20	0.02	0.04	0.36	0.45	1.06	1.77
2600	-0.04	-0.07	-0.28	-0.23	-0.02	0.00	0.28	0.34	0.92	1.64
2800	-0.04	-0.07	-0.23	-0.21	0.00	0.02	0.30	0.25	0.76	1.48
3000	-0.04	-0.05	-0.16	-0.17	0.04	0.06	0.29	0.14	0.59	1.02
3200	-0.04	-0.04	-0.10	-0.15	0.05	0.09	0.27	0.01	0.43	0.78
3400	-0.04	-0.06	-0.07	-0.16	0.01	0.06	0.17	-0.15	0.21	0.45
3600	-0.05	-0.10	-0.08	-0.21	-0.06	-0.01	0.10	-0.28	0.00	0.18
3800	-0.05	-0.14	-0.10	-0.27	-0.15	-0.06	-0.05	-0.50	-0.25	-0.36
4000	-0.05	-0.18	-0.13	-0.32	-0.24	-0.10	-0.10	-0.64	-0.38	-0.41
4200	-0.05	-0.21	-0.16	-0.35	-0.32	-0.13	-0.20	-0.81	-0.60	-0.99
4400	-0.04	-0.21	-0.17	-0.37	-0.38	-0.14	-0.29	-0.99	-0.81	-1.04
4600	-0.03	-0.21	-0.17	-0.37	-0.41	-0.20	-0.31	-1.04	-0.90	-1.58
4800	-0.02	-0.19	-0.15	-0.36	-0.43	-0.12	-0.33	-1.14	-1.07	-1.55
5000	-0.01	-0.18	-0.12	-0.35	-0.43	-0.11	-0.33	-1.23	-1.15	-2.05
5200	0.00	-0.18	-0.10	-0.36	-0.45	-0.12	-0.30	-1.24	-1.21	-1.95
5400	-0.01	-0.19	-0.10	-0.40	-0.48	-0.16	-0.36	-1.33	-1.28	-2.19
5600	-0.01	-0.19	-0.09	-0.44	-0.51	-0.19	-0.45	-1.37	-1.34	-2.86
5800	-0.01	-0.17	-0.09	-0.46	-0.50	-0.25	-0.46	-1.38	-1.41	-2.46
6000	-0.01	-0.13	-0.07	-0.44	-0.45	-0.29	-0.58	-1.34	-1.44	-2.65
6200	0.00	-0.08	-0.06	-0.38	-0.36	-0.23	-0.63	-1.24	-1.26	-2.74
6300	0.01	-0.05	-0.05	-0.33	-0.30	-0.17	-0.53	-1.24	-1.33	-2.91
6400	0.02	-0.03	-0.05	-0.28	-0.23	-0.20	-0.46	-1.18	-1.28	-3.08
6500	0.03	0.00	-0.04	-0.21	-0.14	-0.16	-0.40	-1.12	-1.28	-2.34
6600	0.04	0.02	-0.04	-0.14	-0.05	-0.07	-0.26	-0.93	-1.04	-2.67
6700	0.05	0.04	-0.03	-0.06	0.05	0.03	-0.24	-0.85	-0.94	-2.31
6800	0.05	0.05	-0.04	0.01	0.15	0.10	-0.15	-0.58	-0.69	-1.91
6900	0.05	0.05	-0.05	0.07	0.23	0.17	-0.09	-0.47	-0.45	-1.78
7000	0.04	0.04	-0.07	0.10	0.30	0.28	0.01	-0.36	-0.40	-1.48
7100	0.04	0.01	-0.11	0.11	0.34	0.24	0.08	-0.27	-0.28	-1.18
7200	0.02	-0.03	-0.16	0.08	0.36	0.27	0.15	-0.16	-0.09	-0.91
7300	0.00	-0.07	-0.22	0.04	0.35	0.26	0.10	-0.09	0.02	-1.28
7400	-0.02	-0.12	-0.28	-0.02	0.33	0.26	0.27	0.02	0.14	-1.01
7500	-0.03	-0.16	-0.33	-0.09	0.31	0.28	0.17	0.12	0.29	-0.51
7600	-0.04	-0.19	-0.37	-0.15	0.30	0.22	0.14	0.23	0.47	-0.50
7700	-0.05	-0.20	-0.38	-0.19	0.30	0.30	0.33	0.51	1.09	-0.44
7800	-0.05	-0.19	-0.38	-0.23	0.32	0.31	0.45	0.58	0.99	0.34
7900	-0.05	-0.17	-0.36	-0.25	0.35	0.37	0.52	0.79	1.29	1.07
8000	-0.04	-0.15	-0.34	-0.27	0.37	0.45	0.65	0.93	1.44	1.70

Notes

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 25°C

FREQUENCY (MHz)	Input VSWR (:1)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.66	1.47	1.21	1.33	1.15	1.13	1.13	1.14	1.13	1.13
200	1.50	1.38	1.13	1.29	1.07	1.06	1.04	1.07	1.06	1.06
300	1.42	1.34	1.10	1.28	1.06	1.04	1.02	1.05	1.05	1.05
400	1.34	1.31	1.09	1.27	1.06	1.05	1.02	1.05	1.05	1.05
500	1.26	1.27	1.07	1.27	1.06	1.06	1.04	1.06	1.06	1.06
600	1.19	1.25	1.06	1.26	1.07	1.07	1.05	1.06	1.07	1.07
700	1.15	1.23	1.05	1.25	1.07	1.08	1.06	1.06	1.09	1.09
800	1.15	1.23	1.04	1.25	1.08	1.10	1.08	1.07	1.10	1.10
900	1.20	1.24	1.05	1.24	1.08	1.11	1.09	1.07	1.11	1.11
1000	1.25	1.26	1.05	1.24	1.08	1.12	1.09	1.07	1.12	1.12
1100	1.29	1.27	1.06	1.23	1.08	1.12	1.10	1.08	1.13	1.13
1200	1.32	1.28	1.06	1.22	1.08	1.13	1.11	1.08	1.14	1.14
1300	1.32	1.27	1.06	1.21	1.08	1.14	1.12	1.08	1.15	1.15
1400	1.31	1.26	1.06	1.20	1.08	1.15	1.12	1.08	1.15	1.15
1500	1.28	1.24	1.06	1.19	1.07	1.15	1.13	1.08	1.15	1.15
1600	1.24	1.22	1.05	1.18	1.07	1.15	1.13	1.07	1.16	1.16
1700	1.19	1.19	1.05	1.17	1.06	1.15	1.13	1.07	1.16	1.16
1800	1.14	1.16	1.06	1.15	1.05	1.16	1.13	1.07	1.17	1.17
1900	1.09	1.13	1.06	1.14	1.05	1.16	1.14	1.07	1.17	1.17
2000	1.06	1.12	1.06	1.13	1.05	1.17	1.14	1.07	1.17	1.17
2200	1.09	1.12	1.06	1.12	1.05	1.17	1.14	1.07	1.18	1.18
2400	1.15	1.15	1.06	1.12	1.05	1.17	1.14	1.06	1.17	1.17
2600	1.20	1.17	1.06	1.13	1.06	1.17	1.14	1.06	1.17	1.17
2800	1.23	1.20	1.07	1.14	1.06	1.16	1.13	1.06	1.16	1.16
3000	1.23	1.21	1.08	1.16	1.07	1.14	1.12	1.06	1.15	1.15
3200	1.24	1.22	1.09	1.17	1.07	1.13	1.11	1.07	1.14	1.14
3400	1.26	1.23	1.11	1.18	1.08	1.12	1.09	1.07	1.12	1.12
3600	1.29	1.24	1.12	1.18	1.07	1.10	1.07	1.07	1.10	1.10
3800	1.30	1.24	1.12	1.18	1.06	1.08	1.06	1.06	1.09	1.09
4000	1.26	1.21	1.10	1.18	1.06	1.06	1.04	1.06	1.07	1.07
4200	1.17	1.17	1.06	1.18	1.05	1.05	1.03	1.05	1.05	1.05
4400	1.07	1.13	1.03	1.18	1.05	1.05	1.04	1.04	1.05	1.05
4600	1.06	1.12	1.04	1.17	1.05	1.06	1.07	1.04	1.06	1.06
4800	1.16	1.14	1.07	1.17	1.06	1.08	1.10	1.05	1.09	1.09
5000	1.24	1.16	1.10	1.17	1.07	1.11	1.13	1.07	1.12	1.12
5200	1.28	1.16	1.11	1.16	1.09	1.15	1.17	1.09	1.16	1.16
5400	1.25	1.13	1.11	1.15	1.11	1.19	1.21	1.12	1.19	1.19
5600	1.17	1.06	1.12	1.13	1.14	1.23	1.25	1.16	1.24	1.24
5800	1.10	1.03	1.17	1.12	1.17	1.28	1.30	1.20	1.29	1.29
6000	1.18	1.14	1.24	1.13	1.22	1.33	1.35	1.24	1.33	1.33
6200	1.33	1.26	1.33	1.16	1.27	1.38	1.40	1.28	1.38	1.38
6300	1.41	1.33	1.39	1.19	1.30	1.41	1.43	1.31	1.41	1.41
6400	1.48	1.39	1.44	1.21	1.33	1.43	1.45	1.33	1.43	1.43
6500	1.55	1.44	1.49	1.23	1.36	1.46	1.47	1.35	1.46	1.46
6600	1.62	1.49	1.54	1.26	1.39	1.48	1.49	1.38	1.48	1.48
6700	1.67	1.54	1.59	1.28	1.42	1.51	1.52	1.41	1.51	1.51
6800	1.71	1.57	1.62	1.30	1.45	1.53	1.54	1.43	1.54	1.54
6900	1.72	1.59	1.65	1.32	1.47	1.56	1.56	1.45	1.56	1.56
7000	1.70	1.59	1.66	1.33	1.49	1.57	1.57	1.47	1.57	1.57
7100	1.66	1.57	1.66	1.35	1.51	1.60	1.58	1.50	1.60	1.60
7200	1.59	1.54	1.65	1.36	1.53	1.61	1.60	1.52	1.62	1.62
7300	1.50	1.50	1.63	1.37	1.55	1.63	1.61	1.54	1.63	1.63
7400	1.41	1.46	1.61	1.38	1.57	1.65	1.62	1.56	1.65	1.65
7500	1.32	1.42	1.59	1.40	1.58	1.66	1.63	1.58	1.67	1.67
7600	1.26	1.39	1.57	1.41	1.60	1.68	1.63	1.60	1.68	1.68
7700	1.26	1.37	1.56	1.43	1.61	1.69	1.63	1.62	1.69	1.69
7800	1.31	1.38	1.56	1.45	1.62	1.70	1.63	1.64	1.70	1.70
7900	1.38	1.40	1.56	1.47	1.63	1.70	1.63	1.65	1.71	1.71
8000	1.46	1.43	1.57	1.49	1.64	1.70	1.62	1.66	1.71	1.71

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 25°C

FREQUENCY (MHz)	Output VSWR (:1)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.69	1.41	1.30	1.17	1.26	1.14	1.16	1.15	1.15	1.13
200	1.53	1.28	1.23	1.09	1.22	1.08	1.08	1.08	1.08	1.05
300	1.43	1.23	1.21	1.07	1.22	1.06	1.07	1.07	1.07	1.03
400	1.34	1.21	1.20	1.06	1.22	1.06	1.07	1.07	1.07	1.03
500	1.24	1.19	1.19	1.07	1.22	1.06	1.07	1.07	1.07	1.03
600	1.14	1.18	1.19	1.07	1.21	1.06	1.08	1.08	1.08	1.03
700	1.05	1.19	1.20	1.08	1.21	1.06	1.08	1.08	1.08	1.04
800	1.07	1.22	1.21	1.08	1.21	1.06	1.08	1.08	1.08	1.05
900	1.15	1.26	1.23	1.09	1.20	1.06	1.08	1.08	1.08	1.05
1000	1.23	1.30	1.25	1.09	1.19	1.06	1.08	1.08	1.08	1.06
1100	1.30	1.33	1.27	1.09	1.18	1.06	1.08	1.08	1.08	1.06
1200	1.35	1.36	1.28	1.09	1.18	1.06	1.08	1.07	1.07	1.07
1300	1.38	1.37	1.29	1.09	1.17	1.06	1.07	1.07	1.07	1.07
1400	1.39	1.37	1.29	1.08	1.16	1.06	1.07	1.07	1.07	1.07
1500	1.38	1.36	1.29	1.08	1.15	1.06	1.07	1.07	1.07	1.07
1600	1.37	1.34	1.28	1.06	1.14	1.05	1.06	1.06	1.06	1.07
1700	1.35	1.33	1.26	1.05	1.13	1.05	1.06	1.06	1.06	1.07
1800	1.34	1.32	1.25	1.03	1.12	1.05	1.05	1.05	1.05	1.08
1900	1.34	1.30	1.24	1.02	1.11	1.05	1.05	1.05	1.05	1.08
2000	1.35	1.30	1.23	1.00	1.10	1.05	1.05	1.05	1.05	1.09
2200	1.40	1.31	1.21	1.03	1.08	1.06	1.05	1.05	1.05	1.09
2400	1.48	1.34	1.22	1.06	1.07	1.07	1.05	1.05	1.05	1.10
2600	1.55	1.37	1.23	1.10	1.08	1.08	1.06	1.06	1.06	1.11
2800	1.56	1.39	1.24	1.13	1.09	1.09	1.07	1.07	1.07	1.11
3000	1.52	1.38	1.25	1.15	1.10	1.10	1.08	1.08	1.08	1.12
3200	1.43	1.35	1.24	1.16	1.11	1.11	1.09	1.09	1.09	1.13
3400	1.31	1.30	1.22	1.17	1.13	1.12	1.10	1.09	1.09	1.13
3600	1.20	1.25	1.21	1.17	1.14	1.13	1.10	1.10	1.10	1.14
3800	1.11	1.21	1.20	1.17	1.14	1.13	1.11	1.11	1.11	1.14
4000	1.08	1.16	1.21	1.16	1.15	1.13	1.11	1.11	1.11	1.14
4200	1.11	1.12	1.21	1.15	1.15	1.13	1.11	1.11	1.10	1.13
4400	1.13	1.08	1.20	1.13	1.15	1.12	1.10	1.10	1.10	1.12
4600	1.12	1.05	1.18	1.10	1.15	1.11	1.09	1.09	1.09	1.11
4800	1.10	1.09	1.17	1.08	1.15	1.10	1.08	1.08	1.08	1.10
5000	1.13	1.16	1.19	1.06	1.16	1.08	1.07	1.07	1.07	1.08
5200	1.18	1.24	1.21	1.07	1.18	1.07	1.06	1.07	1.07	1.06
5400	1.24	1.30	1.24	1.08	1.19	1.06	1.06	1.06	1.06	1.04
5600	1.26	1.32	1.24	1.09	1.20	1.06	1.07	1.07	1.07	1.02
5800	1.27	1.30	1.22	1.09	1.21	1.06	1.09	1.09	1.09	1.04
6000	1.26	1.25	1.18	1.07	1.21	1.08	1.11	1.11	1.11	1.06
6200	1.20	1.18	1.11	1.04	1.21	1.10	1.15	1.15	1.15	1.10
6300	1.17	1.14	1.08	1.03	1.21	1.12	1.16	1.16	1.16	1.12
6400	1.15	1.13	1.05	1.05	1.20	1.13	1.18	1.18	1.18	1.14
6500	1.16	1.16	1.05	1.09	1.20	1.15	1.20	1.20	1.20	1.16
6600	1.21	1.22	1.10	1.12	1.20	1.16	1.22	1.22	1.22	1.18
6700	1.30	1.30	1.16	1.17	1.20	1.18	1.24	1.24	1.24	1.20
6800	1.40	1.39	1.22	1.21	1.20	1.20	1.26	1.26	1.26	1.22
6900	1.49	1.48	1.28	1.26	1.20	1.21	1.27	1.28	1.28	1.24
7000	1.59	1.57	1.35	1.31	1.20	1.23	1.29	1.29	1.29	1.26
7100	1.67	1.64	1.40	1.35	1.20	1.25	1.31	1.31	1.31	1.28
7200	1.73	1.71	1.45	1.39	1.21	1.27	1.33	1.33	1.33	1.31
7300	1.78	1.76	1.49	1.43	1.21	1.29	1.35	1.35	1.35	1.33
7400	1.81	1.79	1.53	1.46	1.22	1.31	1.37	1.37	1.37	1.36
7500	1.81	1.80	1.54	1.48	1.22	1.33	1.39	1.39	1.39	1.38
7600	1.80	1.79	1.55	1.50	1.22	1.35	1.41	1.40	1.41	1.41
7700	1.77	1.76	1.54	1.51	1.22	1.37	1.42	1.42	1.42	1.43
7800	1.73	1.71	1.53	1.51	1.22	1.39	1.44	1.44	1.44	1.45
7900	1.67	1.65	1.50	1.50	1.22	1.41	1.45	1.45	1.45	1.48
8000	1.59	1.56	1.46	1.49	1.22	1.43	1.46	1.47	1.47	1.50

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 25°C

FREQUENCY (MHz)	Cross-Over Isolation (dB)									
	In1-In2	In2-In3	In3-In4	Out1- Out2	Out2- Out3	Out3- Out4	In1- Out2	Out1- In2	In3- Out4	Out3- In4
100	150.49	150.87	147.16	150.87	151.22	146.30	150.88	152.08	150.81	147.76
200	151.71	151.13	150.41	150.08	150.22	149.42	148.84	150.26	153.91	152.15
300	150.10	151.73	152.40	148.83	151.77	151.10	151.58	151.79	154.63	149.74
400	148.89	151.85	150.34	151.83	150.00	150.93	151.45	152.46	156.69	149.68
500	148.89	151.25	150.63	150.59	150.42	148.91	152.26	151.77	155.94	150.25
600	151.03	151.24	150.76	150.16	150.20	149.78	152.76	151.22	155.24	152.58
700	150.67	150.63	149.70	151.10	149.90	149.76	153.10	150.89	153.70	148.00
800	150.76	151.19	150.38	152.24	150.54	150.00	151.80	150.89	151.93	149.43
900	149.58	149.95	152.59	152.32	150.06	149.88	151.79	151.30	148.44	150.58
1000	149.36	151.18	152.01	152.40	149.14	151.25	150.49	150.58	150.07	150.65
1100	149.79	151.21	152.05	149.76	149.55	150.80	149.89	150.87	154.85	150.45
1200	151.00	151.36	149.58	149.14	151.74	149.29	150.17	150.45	156.27	149.48
1300	150.47	151.36	149.74	149.79	152.12	148.73	150.78	151.30	156.55	148.73
1400	150.13	149.31	150.10	148.63	150.65	150.63	150.11	149.61	154.85	147.52
1500	151.19	148.88	153.14	151.88	150.73	150.72	150.39	151.20	155.14	148.96
1600	150.31	148.73	149.90	153.45	151.16	150.84	149.02	150.11	153.65	150.05
1700	149.58	150.71	150.07	153.02	151.63	150.41	149.80	150.99	153.71	148.16
1800	148.68	150.74	148.72	151.53	149.09	148.57	150.01	150.28	152.88	148.08
1900	150.82	151.68	149.35	149.27	151.63	149.97	149.03	149.70	152.94	149.53
2000	148.80	150.86	149.91	151.11	149.91	150.57	151.38	150.72	153.38	149.34
2200	141.16	149.45	140.96	149.89	150.21	148.63	142.14	151.88	148.98	148.02
2400	146.73	147.35	146.47	149.67	150.76	149.92	144.68	149.95	153.37	149.19
2600	145.73	144.29	145.71	150.69	149.31	146.86	147.50	144.29	146.33	143.55
2800	142.74	131.62	145.87	148.53	149.66	151.07	151.33	144.41	153.29	147.94
3000	151.30	142.69	151.00	151.25	150.35	152.09	151.20	150.73	154.31	149.18
3200	150.73	146.28	146.31	147.63	151.51	149.62	152.23	148.31	152.79	149.36
3400	146.67	139.85	147.87	145.71	150.71	150.69	148.58	141.51	154.28	149.39
3600	147.60	148.61	145.24	150.09	151.10	151.25	149.89	145.74	151.06	147.91
3800	149.45	147.82	147.29	149.07	148.64	147.05	151.22	149.27	152.57	148.49
4000	150.81	147.68	147.07	148.69	149.00	149.95	148.73	148.20	155.29	148.55
4200	148.43	147.91	149.06	148.76	150.08	149.90	147.73	148.56	154.38	147.33
4400	150.61	145.14	149.62	148.77	152.09	150.96	148.51	146.75	155.27	149.61
4600	147.67	150.52	150.57	147.49	147.87	148.98	147.03	149.06	154.33	150.51
4800	149.86	148.04	149.24	149.66	148.43	148.25	147.70	149.01	151.43	149.83
5000	149.66	151.25	150.60	148.70	150.23	151.75	151.35	149.76	151.70	148.94
5200	145.94	151.55	150.60	147.58	151.34	149.74	146.59	147.30	155.22	149.24
5400	143.48	150.56	148.13	147.83	150.52	150.54	146.00	146.78	155.75	146.66
5600	143.54	150.55	148.88	150.82	149.38	150.34	145.43	149.10	152.77	149.18
5800	144.43	144.85	149.38	148.60	148.22	140.34	145.88	147.78	150.61	144.22
6000	147.96	147.21	150.33	150.26	149.36	141.96	147.89	149.03	147.08	145.62
6200	150.48	150.16	147.94	148.93	149.07	147.96	148.61	148.72	152.26	148.45
6300	149.27	149.28	151.18	145.71	149.74	151.63	146.54	149.35	152.90	149.97
6400	148.11	150.39	149.73	142.33	149.06	150.41	146.76	147.33	152.38	151.73
6500	146.05	148.67	148.74	139.00	149.08	149.85	144.78	149.88	151.20	148.95
6600	142.51	148.06	150.56	136.45	148.16	150.82	143.89	142.80	153.76	148.81
6700	143.14	150.05	149.49	136.96	147.07	149.46	143.56	142.60	151.87	149.42
6800	143.09	149.02	149.55	136.27	145.08	147.27	145.49	145.43	153.14	150.23
6900	142.40	146.10	149.26	136.61	144.12	144.35	144.96	144.88	152.29	149.41
7000	141.21	144.80	147.00	137.96	144.99	142.46	144.99	146.09	151.79	147.58
7100	144.12	142.05	146.14	139.93	145.03	142.84	148.85	148.18	152.98	150.17
7200	146.64	144.01	144.11	141.20	147.59	142.64	145.97	146.49	152.73	147.92
7300	141.77	144.04	146.02	143.86	148.42	144.42	146.57	146.33	152.14	147.97
7400	141.60	146.55	145.56	145.69	148.45	146.79	144.15	149.20	152.26	147.12
7500	143.98	146.80	150.12	144.30	143.73	145.45	138.81	146.08	151.04	149.46
7600	145.28	146.54	146.25	140.10	142.19	143.55	136.20	140.92	146.65	146.75
7700	142.72	143.61	144.11	135.07	142.86	143.69	134.90	139.35	143.95	145.20
7800	139.64	143.02	143.58	131.30	142.15	143.32	132.81	136.40	144.58	145.17
7900	134.51	140.92	144.19	128.91	138.18	142.79	130.39	132.55	144.21	145.97
8000	127.98	141.19	145.24	126.78	136.77	142.44	129.03	132.04	145.90	147.49

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 25°C

FREQUENCY (MHz)	I. Loss (dB)
100	4.26
200	4.29
300	4.39
400	4.52
500	4.66
600	4.81
700	4.96
800	5.10
900	5.23
1000	5.34
1100	5.40
1200	5.45
1300	5.52
1400	5.63
1500	5.74
1600	5.79
1700	5.79
1800	5.82
1900	5.87
2000	5.93
2200	6.05
2400	6.17
2600	6.37
2800	6.62
3000	6.88
3200	7.11
3400	7.31
3600	7.48
3800	7.65
4000	7.82
4200	8.00
4400	8.22
4600	8.46
4800	8.71
5000	8.97
5200	9.22
5400	9.44
5600	9.67
5800	9.93
6000	10.23
6200	10.58
6300	10.77
6400	10.98
6500	11.20
6600	11.43
6700	11.66
6800	11.90
6900	12.12
7000	12.32
7100	12.50
7200	12.64
7300	12.76
7400	12.86
7500	12.95
7600	13.04
7700	13.14
7800	13.25
7900	13.36
8000	13.46

FREQUENCY (MHz)	IP3 (dBm)
1	23.63
10	33.93
50	44.26
100	48.17
200	50.41
500	52.77
1000	54.09
1500	51.70
2000	53.42
2500	54.99
3000	51.46
3500	52.91
4000	51.33
4500	51.72
5000	51.47
5500	49.28
6000	50.66
6500	49.73
7000	49.22
7500	50.22
8000	48.12

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Attenuation relative to Insertion Loss (dB)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.05	5.08	10.15	20.09	39.97	59.56	79.20	98.86	107.77	115.90
200	1.05	5.08	10.14	20.12	39.99	59.57	79.20	98.77	107.60	115.82
300	1.04	5.05	10.10	20.10	39.87	59.45	78.87	97.98	106.83	115.01
400	1.03	5.01	10.05	20.06	39.73	59.31	78.39	97.42	106.21	114.37
500	1.02	4.97	9.99	20.01	39.62	59.23	78.44	97.18	105.99	114.25
600	1.01	4.92	9.93	19.96	39.53	59.19	78.16	97.19	106.09	114.42
700	1.00	4.87	9.88	19.90	39.46	59.11	78.13	97.32	106.28	114.79
800	0.99	4.83	9.85	19.85	39.41	59.08	78.77	97.46	106.46	114.96
900	0.98	4.80	9.84	19.82	39.39	59.07	78.58	97.63	106.64	115.21
1000	0.98	4.79	9.85	19.82	39.39	59.13	78.41	97.77	106.87	115.48
1100	0.98	4.80	9.87	19.83	39.42	59.14	78.77	97.91	107.00	115.61
1200	0.99	4.81	9.92	19.86	39.47	59.21	78.86	98.04	107.17	115.90
1300	0.99	4.84	9.98	19.91	39.52	59.29	78.72	98.16	107.32	116.17
1400	1.00	4.86	10.03	19.94	39.59	59.39	79.05	98.32	107.52	116.42
1500	1.00	4.88	10.06	19.97	39.63	59.47	78.76	98.43	107.61	116.42
1600	1.00	4.88	10.08	19.98	39.66	59.47	78.80	98.52	107.75	116.53
1700	0.99	4.88	10.09	19.97	39.67	59.51	79.01	98.60	107.84	116.70
1800	0.99	4.88	10.09	19.97	39.67	59.54	78.93	98.66	107.94	116.92
1900	0.98	4.88	10.10	19.97	39.68	59.58	79.38	98.75	108.05	117.07
2000	0.98	4.89	10.11	19.98	39.70	59.63	79.09	98.82	108.12	117.27
2200	0.99	4.94	10.17	20.04	39.79	59.70	79.28	98.99	108.32	117.46
2400	1.01	5.01	10.25	20.13	39.88	59.78	79.36	99.18	108.51	117.77
2600	1.03	5.05	10.27	20.17	39.92	59.86	79.45	99.31	108.64	117.88
2800	1.03	5.04	10.21	20.14	39.88	59.83	79.13	99.38	108.78	118.00
3000	1.03	5.01	10.11	20.08	39.82	59.73	79.43	99.47	108.92	118.40
3200	1.03	5.00	10.05	20.05	39.79	59.72	78.85	99.53	109.10	118.72
3400	1.03	5.02	10.02	20.07	39.83	59.75	78.94	99.69	109.38	119.28
3600	1.04	5.07	10.03	20.11	39.89	59.75	79.50	99.84	109.43	119.43
3800	1.04	5.11	10.05	20.17	39.98	59.86	79.37	100.02	109.75	119.88
4000	1.04	5.15	10.08	20.22	40.08	59.93	79.40	100.19	109.95	120.06
4200	1.03	5.17	10.11	20.25	40.16	59.90	80.06	100.39	110.08	120.43
4400	1.03	5.17	10.13	20.26	40.21	59.95	79.93	100.52	110.35	120.81
4600	1.02	5.16	10.12	20.25	40.25	59.89	80.11	100.63	110.48	120.47
4800	1.00	5.15	10.10	20.23	40.27	59.94	79.83	100.68	110.60	121.35
5000	0.99	5.13	10.07	20.21	40.28	59.88	79.75	100.71	110.68	121.48
5200	0.99	5.13	10.05	20.23	40.32	59.95	80.63	100.84	110.75	121.28
5400	1.00	5.14	10.04	20.27	40.36	59.94	79.78	100.90	110.84	122.27
5600	1.00	5.13	10.03	20.31	40.38	59.95	80.69	100.91	110.97	121.86
5800	1.00	5.11	10.02	20.32	40.39	60.03	79.86	101.00	110.97	122.72
6000	0.99	5.06	10.00	20.30	40.34	60.11	79.30	100.94	110.88	121.99
6200	0.98	5.02	9.98	20.24	40.24	59.91	81.04	100.82	110.62	122.31
6300	0.97	4.99	9.98	20.20	40.18	59.95	79.65	100.77	110.79	121.96
6400	0.96	4.97	9.98	20.15	40.12	59.90	79.79	100.67	110.87	121.65
6500	0.96	4.95	9.98	20.10	40.04	59.87	80.49	100.61	110.69	121.32
6600	0.95	4.93	9.97	20.03	39.95	59.80	80.46	100.50	110.38	121.89
6700	0.95	4.91	9.97	19.95	39.83	59.79	79.60	100.34	110.42	121.64
6800	0.94	4.90	9.97	19.87	39.74	59.65	80.26	100.18	110.28	121.60
6900	0.94	4.89	9.97	19.81	39.65	59.49	80.91	100.03	110.11	120.96
7000	0.95	4.91	10.01	19.79	39.60	59.55	81.23	99.82	109.90	121.01
7100	0.96	4.94	10.05	19.81	39.59	59.51	78.86	99.78	109.82	120.94
7200	0.98	4.98	10.11	19.84	39.59	59.62	79.49	99.75	109.61	120.71
7300	0.99	5.03	10.17	19.89	39.60	59.61	79.48	99.74	109.69	120.34
7400	1.01	5.07	10.23	19.95	39.62	59.55	79.50	99.56	109.55	119.99
7500	1.02	5.11	10.27	20.01	39.64	59.59	79.80	99.47	109.16	120.07
7600	1.03	5.13	10.31	20.08	39.67	59.59	80.26	99.43	109.12	120.05
7700	1.04	5.15	10.35	20.14	39.69	59.66	78.42	99.26	108.89	119.66
7800	1.04	5.16	10.37	20.20	39.70	59.47	79.31	99.07	108.74	119.34
7900	1.04	5.13	10.34	20.21	39.67	59.38	78.45	98.84	108.51	118.57
8000	1.03	5.11	10.29	20.21	39.62	59.35	79.20	98.68	108.27	117.69

Notes

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Attenuation accuracy relative to nominal attenuation setting (dB)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	-0.05	-0.08	-0.15	-0.09	0.03	0.44	0.66	1.14	2.23	4.10
200	-0.05	-0.08	-0.14	-0.12	0.01	0.43	0.79	1.23	2.40	4.18
300	-0.04	-0.05	-0.10	-0.10	0.13	0.55	1.20	2.02	3.17	4.99
400	-0.03	-0.01	-0.05	-0.06	0.27	0.69	1.52	2.58	3.79	5.63
500	-0.02	0.03	0.01	-0.01	0.38	0.77	1.65	2.82	4.01	5.75
600	-0.01	0.08	0.07	0.04	0.47	0.81	1.85	2.81	3.91	5.58
700	0.00	0.13	0.12	0.10	0.54	0.89	1.69	2.68	3.72	5.21
800	0.01	0.17	0.15	0.15	0.59	0.92	1.71	2.54	3.54	5.04
900	0.02	0.20	0.16	0.18	0.61	0.93	1.65	2.37	3.36	4.79
1000	0.02	0.21	0.15	0.18	0.61	0.87	1.49	2.23	3.13	4.52
1100	0.02	0.20	0.13	0.17	0.58	0.86	1.52	2.09	3.00	4.39
1200	0.01	0.19	0.08	0.14	0.53	0.79	1.46	1.96	2.83	4.10
1300	0.01	0.16	0.02	0.09	0.48	0.71	1.33	1.84	2.68	3.83
1400	0.00	0.14	-0.03	0.06	0.41	0.61	1.22	1.68	2.48	3.58
1500	0.00	0.12	-0.06	0.03	0.37	0.53	1.01	1.57	2.39	3.58
1600	0.00	0.12	-0.08	0.02	0.34	0.53	1.09	1.48	2.25	3.47
1700	0.01	0.12	-0.09	0.03	0.33	0.49	1.03	1.40	2.16	3.30
1800	0.01	0.12	-0.09	0.03	0.33	0.46	0.92	1.34	2.06	3.08
1900	0.02	0.12	-0.10	0.03	0.32	0.42	0.89	1.25	1.95	2.93
2000	0.02	0.11	-0.11	0.02	0.30	0.37	0.92	1.18	1.88	2.73
2200	0.01	0.06	-0.17	-0.04	0.21	0.30	0.53	1.01	1.68	2.54
2400	-0.01	-0.01	-0.25	-0.13	0.12	0.22	0.50	0.82	1.49	2.23
2600	-0.03	-0.05	-0.27	-0.17	0.08	0.14	0.54	0.69	1.36	2.12
2800	-0.03	-0.04	-0.21	-0.14	0.12	0.17	0.76	0.62	1.22	2.00
3000	-0.03	-0.01	-0.11	-0.08	0.18	0.27	0.62	0.53	1.08	1.60
3200	-0.03	0.00	-0.05	-0.05	0.21	0.28	0.70	0.47	0.90	1.27
3400	-0.03	-0.02	-0.02	-0.07	0.17	0.25	0.59	0.31	0.62	0.72
3600	-0.04	-0.07	-0.03	-0.11	0.11	0.25	0.52	0.16	0.57	0.57
3800	-0.04	-0.11	-0.05	-0.17	0.02	0.14	0.31	-0.02	0.25	0.12
4000	-0.04	-0.15	-0.08	-0.22	-0.08	0.07	0.23	-0.19	0.05	-0.06
4200	-0.03	-0.17	-0.11	-0.25	-0.16	0.10	0.10	-0.39	-0.08	-0.43
4400	-0.03	-0.17	-0.13	-0.26	-0.21	0.05	0.01	-0.52	-0.35	-0.81
4600	-0.02	-0.16	-0.12	-0.25	-0.25	0.11	0.25	-0.63	-0.48	-0.47
4800	0.00	-0.15	-0.10	-0.23	-0.27	0.06	0.17	-0.68	-0.60	-1.35
5000	0.01	-0.13	-0.07	-0.21	-0.28	0.12	0.25	-0.71	-0.68	-1.48
5200	0.01	-0.13	-0.05	-0.23	-0.32	0.05	-0.18	-0.84	-0.75	-1.28
5400	0.00	-0.14	-0.04	-0.27	-0.36	0.06	-0.01	-0.90	-0.84	-2.27
5600	0.00	-0.13	-0.03	-0.31	-0.38	0.05	-0.23	-0.91	-0.97	-1.86
5800	0.00	-0.11	-0.02	-0.32	-0.39	-0.03	-0.41	-1.00	-0.97	-2.72
6000	0.01	-0.06	0.00	-0.30	-0.34	-0.11	-0.18	-0.94	-0.88	-1.99
6200	0.02	-0.02	0.02	-0.24	-0.24	0.09	-0.22	-0.82	-0.62	-2.31
6300	0.03	0.01	0.02	-0.20	-0.18	0.05	-0.06	-0.77	-0.79	-1.96
6400	0.04	0.03	0.02	-0.15	-0.12	0.10	-0.17	-0.67	-0.87	-1.65
6500	0.04	0.05	0.02	-0.10	-0.04	0.13	-0.14	-0.61	-0.69	-1.32
6600	0.05	0.07	0.03	-0.03	0.05	0.20	0.08	-0.50	-0.38	-1.89
6700	0.05	0.09	0.03	0.05	0.17	0.21	0.21	-0.34	-0.42	-1.64
6800	0.06	0.10	0.03	0.13	0.26	0.35	0.38	-0.18	-0.28	-1.60
6900	0.06	0.11	0.03	0.19	0.35	0.51	0.11	-0.03	-0.11	-0.96
7000	0.05	0.09	-0.01	0.21	0.40	0.45	0.22	0.18	0.10	-1.01
7100	0.04	0.06	-0.05	0.19	0.41	0.49	0.30	0.22	0.18	-0.94
7200	0.02	0.02	-0.11	0.16	0.41	0.38	0.29	0.25	0.39	-0.71
7300	0.01	-0.03	-0.17	0.11	0.40	0.39	0.32	0.26	0.31	-0.34
7400	-0.01	-0.07	-0.23	0.05	0.39	0.45	0.44	0.44	0.45	0.01
7500	-0.02	-0.11	-0.27	-0.01	0.36	0.41	0.00	0.53	0.84	-0.07
7600	-0.03	-0.13	-0.31	-0.08	0.33	0.41	0.49	0.57	0.88	-0.05
7700	-0.04	-0.15	-0.35	-0.14	0.31	0.34	0.61	0.74	1.11	0.34
7800	-0.04	-0.16	-0.37	-0.20	0.30	0.53	1.00	0.93	1.26	0.66
7900	-0.04	-0.13	-0.34	-0.21	0.33	0.62	0.85	1.16	1.49	1.43
8000	-0.03	-0.11	-0.29	-0.21	0.38	0.65	1.21	1.32	1.73	2.31

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Input VSWR (:1)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.69	1.51	1.22	1.34	1.15	1.13	1.12	1.14	1.13	1.13
200	1.54	1.42	1.14	1.31	1.07	1.06	1.04	1.07	1.06	1.06
300	1.45	1.38	1.12	1.30	1.06	1.04	1.01	1.06	1.05	1.05
400	1.37	1.34	1.10	1.29	1.06	1.04	1.02	1.06	1.05	1.05
500	1.29	1.30	1.09	1.29	1.07	1.05	1.03	1.06	1.05	1.05
600	1.21	1.27	1.07	1.28	1.07	1.06	1.04	1.06	1.07	1.07
700	1.16	1.25	1.05	1.27	1.07	1.08	1.06	1.07	1.08	1.08
800	1.16	1.24	1.04	1.26	1.08	1.09	1.07	1.07	1.09	1.09
900	1.20	1.24	1.04	1.25	1.08	1.10	1.08	1.07	1.10	1.10
1000	1.25	1.25	1.04	1.25	1.08	1.11	1.09	1.07	1.11	1.11
1100	1.29	1.27	1.05	1.24	1.08	1.12	1.10	1.07	1.12	1.12
1200	1.32	1.27	1.05	1.23	1.08	1.13	1.11	1.08	1.13	1.13
1300	1.33	1.27	1.06	1.22	1.08	1.14	1.11	1.08	1.14	1.14
1400	1.32	1.26	1.06	1.21	1.08	1.14	1.12	1.08	1.15	1.15
1500	1.28	1.24	1.06	1.20	1.07	1.15	1.12	1.08	1.15	1.15
1600	1.23	1.20	1.06	1.18	1.07	1.15	1.13	1.07	1.16	1.16
1700	1.18	1.17	1.06	1.17	1.06	1.16	1.13	1.07	1.16	1.16
1800	1.14	1.15	1.06	1.15	1.05	1.16	1.13	1.06	1.17	1.17
1900	1.09	1.13	1.06	1.15	1.05	1.16	1.13	1.06	1.17	1.17
2000	1.06	1.12	1.06	1.14	1.05	1.17	1.14	1.06	1.17	1.17
2200	1.10	1.13	1.05	1.13	1.05	1.17	1.14	1.06	1.18	1.18
2400	1.15	1.15	1.06	1.12	1.06	1.18	1.15	1.08	1.19	1.19
2600	1.22	1.20	1.06	1.14	1.06	1.17	1.14	1.07	1.17	1.17
2800	1.25	1.22	1.07	1.15	1.06	1.16	1.13	1.06	1.17	1.17
3000	1.25	1.23	1.09	1.17	1.07	1.14	1.11	1.06	1.15	1.15
3200	1.24	1.23	1.10	1.17	1.07	1.14	1.11	1.07	1.14	1.14
3400	1.27	1.24	1.12	1.19	1.07	1.12	1.09	1.07	1.12	1.12
3600	1.31	1.26	1.13	1.19	1.08	1.11	1.08	1.07	1.11	1.11
3800	1.32	1.26	1.13	1.20	1.07	1.07	1.04	1.07	1.07	1.07
4000	1.26	1.22	1.10	1.19	1.06	1.06	1.04	1.05	1.06	1.06
4200	1.17	1.17	1.06	1.19	1.06	1.04	1.03	1.05	1.05	1.05
4400	1.07	1.13	1.03	1.18	1.05	1.05	1.04	1.04	1.05	1.05
4600	1.07	1.13	1.04	1.19	1.07	1.06	1.07	1.06	1.06	1.06
4800	1.16	1.14	1.08	1.18	1.07	1.09	1.10	1.06	1.09	1.09
5000	1.26	1.18	1.12	1.19	1.09	1.13	1.15	1.09	1.13	1.13
5200	1.27	1.16	1.13	1.16	1.10	1.17	1.19	1.11	1.17	1.17
5400	1.24	1.13	1.12	1.14	1.12	1.21	1.23	1.14	1.21	1.21
5600	1.16	1.06	1.11	1.12	1.13	1.23	1.25	1.15	1.23	1.23
5800	1.09	1.04	1.17	1.12	1.18	1.29	1.31	1.20	1.29	1.29
6000	1.19	1.16	1.25	1.13	1.23	1.34	1.36	1.25	1.35	1.35
6200	1.35	1.29	1.36	1.16	1.29	1.40	1.41	1.30	1.40	1.40
6300	1.42	1.34	1.40	1.18	1.30	1.41	1.42	1.31	1.42	1.42
6400	1.48	1.38	1.43	1.18	1.31	1.41	1.42	1.31	1.42	1.42
6500	1.50	1.40	1.45	1.19	1.31	1.41	1.41	1.31	1.41	1.41
6600	1.56	1.45	1.50	1.22	1.34	1.44	1.44	1.34	1.44	1.44
6700	1.62	1.50	1.55	1.25	1.38	1.47	1.48	1.37	1.48	1.48
6800	1.68	1.55	1.60	1.29	1.42	1.51	1.52	1.41	1.52	1.52
6900	1.72	1.59	1.65	1.33	1.47	1.56	1.56	1.46	1.56	1.56
7000	1.73	1.62	1.69	1.36	1.51	1.60	1.60	1.50	1.61	1.61
7100	1.68	1.61	1.71	1.39	1.55	1.64	1.62	1.54	1.64	1.64
7200	1.57	1.54	1.66	1.38	1.55	1.63	1.61	1.54	1.64	1.64
7300	1.44	1.46	1.60	1.35	1.52	1.60	1.57	1.52	1.61	1.61
7400	1.35	1.41	1.57	1.35	1.53	1.61	1.57	1.53	1.61	1.61
7500	1.28	1.37	1.54	1.36	1.54	1.62	1.58	1.54	1.62	1.62
7600	1.22	1.33	1.51	1.36	1.53	1.61	1.57	1.54	1.62	1.62
7700	1.22	1.33	1.51	1.37	1.55	1.63	1.59	1.56	1.64	1.64
7800	1.29	1.36	1.55	1.42	1.60	1.68	1.64	1.62	1.70	1.70
7900	1.39	1.42	1.59	1.48	1.66	1.74	1.68	1.68	1.75	1.75
8000	1.50	1.47	1.63	1.53	1.69	1.77	1.70	1.71	1.78	1.78

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Output VSWR (:1)									
	1 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	100 dB	110 dB	120 dB
100	1.72	1.44	1.32	1.17	1.27	1.14	1.15	1.15	1.15	1.12
200	1.56	1.31	1.25	1.10	1.23	1.08	1.08	1.08	1.08	1.06
300	1.47	1.27	1.23	1.08	1.23	1.07	1.08	1.08	1.08	1.04
400	1.37	1.24	1.22	1.07	1.23	1.07	1.08	1.08	1.08	1.03
500	1.26	1.21	1.21	1.07	1.23	1.07	1.08	1.08	1.08	1.03
600	1.16	1.19	1.20	1.07	1.23	1.06	1.08	1.08	1.08	1.03
700	1.07	1.19	1.21	1.07	1.22	1.06	1.08	1.08	1.08	1.04
800	1.07	1.22	1.22	1.08	1.22	1.06	1.08	1.08	1.08	1.04
900	1.15	1.25	1.24	1.08	1.21	1.06	1.08	1.08	1.08	1.04
1000	1.23	1.29	1.26	1.08	1.21	1.06	1.08	1.08	1.08	1.05
1100	1.30	1.33	1.28	1.09	1.20	1.06	1.08	1.08	1.08	1.06
1200	1.36	1.36	1.29	1.09	1.19	1.06	1.08	1.08	1.08	1.06
1300	1.40	1.38	1.30	1.09	1.19	1.07	1.08	1.08	1.08	1.07
1400	1.41	1.38	1.31	1.09	1.18	1.07	1.08	1.08	1.08	1.07
1500	1.40	1.37	1.30	1.09	1.17	1.06	1.08	1.08	1.08	1.07
1600	1.38	1.36	1.29	1.07	1.16	1.06	1.07	1.07	1.07	1.07
1700	1.36	1.34	1.28	1.06	1.14	1.06	1.07	1.06	1.07	1.08
1800	1.35	1.33	1.26	1.05	1.13	1.06	1.06	1.06	1.06	1.08
1900	1.35	1.32	1.25	1.03	1.12	1.06	1.06	1.06	1.06	1.09
2000	1.36	1.31	1.24	1.02	1.10	1.06	1.06	1.06	1.06	1.09
2200	1.41	1.32	1.22	1.02	1.08	1.07	1.06	1.06	1.06	1.10
2400	1.49	1.35	1.22	1.06	1.07	1.08	1.06	1.06	1.06	1.11
2600	1.55	1.38	1.23	1.10	1.07	1.09	1.07	1.07	1.07	1.12
2800	1.57	1.40	1.24	1.14	1.08	1.10	1.08	1.08	1.08	1.13
3000	1.54	1.40	1.25	1.16	1.10	1.12	1.09	1.09	1.09	1.14
3200	1.45	1.37	1.25	1.18	1.12	1.13	1.10	1.10	1.10	1.15
3400	1.33	1.32	1.23	1.19	1.13	1.13	1.11	1.11	1.11	1.15
3600	1.21	1.27	1.23	1.19	1.15	1.14	1.12	1.12	1.12	1.15
3800	1.13	1.22	1.22	1.19	1.16	1.15	1.13	1.13	1.13	1.16
4000	1.11	1.18	1.23	1.18	1.17	1.15	1.13	1.13	1.13	1.15
4200	1.15	1.14	1.24	1.16	1.18	1.15	1.13	1.13	1.13	1.15
4400	1.17	1.10	1.23	1.14	1.18	1.14	1.12	1.12	1.12	1.13
4600	1.16	1.09	1.22	1.12	1.18	1.13	1.12	1.12	1.12	1.12
4800	1.13	1.13	1.21	1.10	1.19	1.12	1.11	1.11	1.11	1.11
5000	1.16	1.20	1.22	1.09	1.20	1.10	1.10	1.10	1.10	1.09
5200	1.21	1.26	1.24	1.09	1.20	1.09	1.09	1.09	1.09	1.07
5400	1.26	1.31	1.25	1.10	1.22	1.08	1.09	1.09	1.09	1.05
5600	1.28	1.32	1.24	1.11	1.23	1.08	1.10	1.10	1.10	1.05
5800	1.28	1.29	1.21	1.10	1.23	1.09	1.12	1.12	1.12	1.07
6000	1.24	1.22	1.15	1.08	1.22	1.11	1.14	1.14	1.14	1.10
6200	1.16	1.13	1.07	1.05	1.20	1.13	1.17	1.17	1.17	1.13
6300	1.13	1.11	1.04	1.06	1.19	1.14	1.18	1.18	1.18	1.15
6400	1.13	1.13	1.04	1.09	1.19	1.15	1.20	1.20	1.20	1.16
6500	1.17	1.18	1.08	1.12	1.19	1.17	1.22	1.22	1.22	1.18
6600	1.25	1.25	1.14	1.16	1.19	1.19	1.24	1.24	1.24	1.21
6700	1.35	1.34	1.21	1.21	1.18	1.21	1.26	1.26	1.26	1.23
6800	1.46	1.44	1.27	1.26	1.19	1.23	1.28	1.29	1.29	1.26
6900	1.56	1.53	1.34	1.31	1.19	1.25	1.30	1.30	1.30	1.28
7000	1.64	1.61	1.39	1.35	1.19	1.26	1.31	1.32	1.32	1.30
7100	1.70	1.67	1.43	1.39	1.19	1.27	1.32	1.32	1.32	1.31
7200	1.73	1.70	1.46	1.41	1.18	1.28	1.33	1.33	1.33	1.32
7300	1.76	1.73	1.49	1.44	1.18	1.29	1.34	1.34	1.34	1.34
7400	1.77	1.75	1.51	1.46	1.18	1.30	1.35	1.35	1.35	1.36
7500	1.77	1.75	1.52	1.47	1.19	1.32	1.37	1.37	1.37	1.37
7600	1.75	1.74	1.52	1.49	1.20	1.35	1.39	1.39	1.39	1.40
7700	1.72	1.70	1.51	1.50	1.20	1.37	1.41	1.41	1.41	1.43
7800	1.67	1.65	1.50	1.50	1.21	1.40	1.43	1.43	1.43	1.46
7900	1.60	1.57	1.46	1.48	1.20	1.41	1.44	1.44	1.44	1.48
8000	1.50	1.48	1.40	1.46	1.19	1.42	1.44	1.44	1.44	1.49

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Cross-Over Isolation (dB)									
	In1-In2	In2-In3	In3-In4	Out1- Out2	Out2- Out3	Out3- Out4	In1- Out2	Out1- In2	In3- Out4	Out3- In4
100	151.65	152.40	149.19	150.62	147.50	147.39	151.99	148.64	149.58	152.36
200	150.45	148.02	151.09	149.72	147.66	149.12	150.77	149.46	147.75	151.10
300	152.05	148.28	150.90	149.62	148.49	147.69	151.79	152.73	148.79	151.95
400	149.24	151.33	148.89	149.04	147.88	148.30	153.81	150.98	147.19	149.71
500	149.90	147.81	147.96	149.95	150.18	148.06	151.88	149.41	146.21	149.61
600	151.32	148.82	148.47	150.06	146.12	145.02	150.67	150.00	146.09	150.74
700	151.07	148.17	149.29	152.08	145.84	145.78	150.41	151.24	146.18	150.74
800	148.91	148.67	148.71	149.08	145.49	146.86	151.54	150.87	147.10	149.74
900	150.24	150.73	148.19	151.94	146.14	148.09	152.63	149.33	146.51	149.43
1000	150.43	147.50	148.83	152.44	145.76	147.85	151.21	151.07	144.98	150.42
1100	149.35	147.20	148.99	149.77	146.31	146.24	151.74	151.47	145.25	150.30
1200	150.12	146.75	148.21	152.81	145.76	148.05	150.31	149.79	146.88	151.09
1300	148.30	147.85	150.84	149.73	146.67	148.16	150.46	148.39	145.89	151.80
1400	149.27	145.38	148.74	150.73	145.54	145.96	148.92	149.75	144.70	151.22
1500	149.97	148.49	147.42	149.76	146.39	145.96	151.14	147.53	147.84	149.85
1600	149.58	147.32	149.67	148.54	146.83	146.39	150.11	149.66	146.16	150.14
1700	148.21	148.50	150.47	149.75	147.95	147.16	150.54	150.02	145.84	150.45
1800	149.65	147.14	149.16	149.22	147.40	144.23	149.93	148.64	146.56	150.75
1900	148.75	147.59	149.51	150.24	144.28	144.60	150.62	151.40	145.73	150.31
2000	147.81	149.71	146.66	148.49	145.85	146.47	152.36	149.86	148.13	148.36
2200	137.63	148.12	140.39	151.23	146.49	145.43	150.77	150.24	147.13	147.56
2400	144.93	145.87	146.13	149.08	146.30	147.09	151.06	148.41	146.10	150.14
2600	149.49	145.83	147.89	150.22	145.50	147.82	150.65	147.14	147.68	149.61
2800	149.10	137.07	147.14	149.61	147.70	146.88	152.17	148.36	147.38	148.47
3000	148.53	149.80	150.26	148.83	145.07	146.94	151.95	147.85	145.69	148.71
3200	148.40	147.31	148.69	149.15	147.88	145.45	152.31	148.36	145.69	148.44
3400	145.07	144.78	147.36	148.15	148.27	146.89	149.53	146.50	145.31	151.26
3600	144.72	148.58	147.59	149.73	147.96	146.10	150.17	149.50	146.32	150.45
3800	148.82	145.96	147.98	150.23	147.31	147.32	151.54	149.57	144.83	151.34
4000	147.76	147.84	150.37	148.66	146.82	147.64	149.60	147.31	145.94	149.37
4200	147.76	147.75	144.76	148.55	148.17	147.88	149.35	147.16	145.70	148.15
4400	147.82	147.10	147.58	149.92	146.02	146.29	151.35	147.40	144.20	148.31
4600	149.00	145.06	146.03	147.21	146.48	144.55	150.82	147.73	144.52	150.59
4800	147.45	148.18	144.89	152.17	146.07	143.96	150.21	146.43	146.14	147.69
5000	145.00	147.83	148.35	148.07	144.87	145.35	150.83	147.76	147.36	150.26
5200	144.73	146.49	146.03	149.09	144.27	146.50	147.50	146.66	142.33	144.46
5400	144.08	145.70	144.98	144.29	144.25	143.56	149.61	146.96	145.62	146.68
5600	146.51	145.74	142.88	145.61	140.43	143.14	148.11	144.84	143.97	146.36
5800	146.82	146.64	147.70	148.18	145.08	143.51	149.82	146.77	144.52	148.53
6000	143.66	143.90	143.84	146.57	145.95	145.97	147.88	144.54	143.01	144.34
6200	138.79	143.10	141.44	145.97	140.82	142.22	144.73	144.84	143.70	143.56
6300	143.85	144.14	143.02	147.31	144.26	145.78	149.04	145.82	143.96	147.14
6400	142.81	142.60	141.81	146.93	143.92	143.09	149.56	145.60	145.11	146.25
6500	144.86	143.98	144.35	146.84	143.28	144.94	147.60	146.03	142.89	149.63
6600	143.66	146.62	146.46	146.68	145.32	142.37	150.41	147.72	144.56	148.15
6700	146.42	146.44	146.90	146.85	144.52	144.74	147.78	147.98	147.00	147.41
6800	144.42	144.04	143.88	147.84	143.36	142.21	145.73	148.03	143.58	146.08
6900	138.09	139.93	139.66	145.77	142.70	144.54	143.47	144.00	142.10	143.29
7000	138.26	137.39	134.95	147.59	140.89	141.38	144.80	142.16	141.12	142.52
7100	139.29	141.41	138.35	146.44	139.15	141.75	143.01	144.03	141.05	141.51
7200	143.73	144.27	142.58	145.42	140.95	143.36	144.65	145.43	142.09	144.64
7300	146.06	142.27	144.25	147.04	142.57	142.96	145.78	146.43	142.85	142.84
7400	142.39	142.04	144.65	144.33	143.07	142.34	147.27	144.79	144.42	145.08
7500	143.02	145.49	145.89	142.68	140.20	143.76	146.08	145.10	142.85	144.38
7600	140.36	143.31	142.92	142.38	141.73	142.30	145.61	144.02	142.62	143.08
7700	141.73	140.42	142.03	138.99	142.21	140.38	143.62	143.04	143.85	142.46
7800	139.30	138.95	140.78	139.24	139.47	140.10	141.13	141.32	141.04	139.52
7900	131.40	138.69	140.33	137.87	139.37	141.49	140.41	141.43	139.92	138.85
8000	123.26	135.78	139.49	138.19	139.00	139.62	140.36	139.61	139.98	139.46

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Programmable Attenuator RC4DAT-8G-120H

Typical Performance Data @ 50°C

FREQUENCY (MHz)	I. Loss (dB)
100	4.36
200	4.38
300	4.50
400	4.63
500	4.77
600	4.93
700	5.08
800	5.22
900	5.35
1000	5.47
1100	5.53
1200	5.59
1300	5.66
1400	5.77
1500	5.87
1600	5.91
1700	5.93
1800	5.97
1900	6.02
2000	6.07
2200	6.18
2400	6.29
2600	6.48
2800	6.74
3000	7.02
3200	7.27
3400	7.47
3600	7.66
3800	7.83
4000	8.00
4200	8.20
4400	8.42
4600	8.67
4800	8.94
5000	9.21
5200	9.45
5400	9.67
5600	9.90
5800	10.17
6000	10.47
6200	10.81
6300	10.99
6400	11.18
6500	11.40
6600	11.64
6700	11.90
6800	12.14
6900	12.37
7000	12.54
7100	12.68
7200	12.78
7300	12.88
7400	12.98
7500	13.07
7600	13.15
7700	13.23
7800	13.32
7900	13.44
8000	13.55

FREQUENCY (MHz)	IP3 (dBm)
1	24.21
10	34.15
50	44.86
100	47.23
200	50.23
500	50.82
1000	54.18
1500	51.94
2000	51.52
2500	54.02
3000	50.31
3500	53.65
4000	52.66
4500	51.22
5000	52.70
5500	49.06
6000	46.64
6500	49.88
7000	48.31
7500	48.26
8000	47.94

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