

Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 0°C

Freq. (MHz)	Attenuation relative to Insertion Loss (dB)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	0.26	5.16	10.19	20.44	40.48	59.59	79.58	89.74	100.48	104.28	108.44	112.74	116.65
300	0.26	5.13	10.16	20.43	40.38	59.66	79.43	89.58	99.82	103.74	107.90	112.26	116.18
400	0.26	5.09	10.11	20.38	40.26	59.60	79.19	89.33	99.29	103.30	107.47	111.83	115.71
500	0.26	5.04	10.05	20.31	40.14	59.46	78.96	89.09	99.10	103.04	107.24	111.60	115.52
600	0.25	4.98	9.99	20.23	40.03	59.32	78.81	88.94	99.01	103.01	107.20	111.59	115.55
700	0.25	4.92	9.93	20.15	39.95	59.26	78.77	88.90	99.04	103.17	107.36	111.77	115.73
800	0.25	4.88	9.90	20.08	39.88	59.26	78.80	88.94	99.16	103.36	107.54	111.97	116.04
900	0.25	4.85	9.88	20.03	39.84	59.31	78.89	89.02	99.25	103.57	107.74	112.16	116.31
1000	0.25	4.83	9.89	20.00	39.83	59.39	79.01	89.13	99.43	103.79	108.01	112.49	116.57
1100	0.25	4.83	9.91	20.00	39.84	59.47	79.12	89.22	99.49	104.01	108.20	112.61	116.77
1200	0.25	4.85	9.94	20.02	39.86	59.54	79.22	89.34	99.57	104.14	108.38	112.82	117.10
1300	0.26	4.87	9.99	20.05	39.90	59.60	79.31	89.43	99.76	104.31	108.55	112.94	117.36
1400	0.26	4.90	10.03	20.09	39.94	59.60	79.33	89.45	99.87	104.41	108.57	113.02	117.33
1500	0.26	4.93	10.07	20.12	39.99	59.60	79.35	89.48	100.02	104.48	108.73	113.18	117.47
1600	0.26	4.95	10.09	20.16	40.03	59.64	79.41	89.56	100.01	104.53	108.81	113.30	117.66
1700	0.26	4.97	10.11	20.20	40.06	59.69	79.48	89.64	100.12	104.66	108.92	113.44	117.82
1800	0.26	4.99	10.12	20.22	40.07	59.75	79.56	89.73	100.15	104.80	108.97	113.62	118.24
1900	0.26	5.00	10.12	20.23	40.08	59.82	79.65	89.82	100.20	104.79	109.05	113.57	117.58
2000	0.26	5.01	10.12	20.25	40.09	59.86	79.71	89.90	100.17	104.86	109.17	113.58	117.91
2100	0.26	5.02	10.12	20.26	40.10	59.86	79.73	89.94	100.29	104.95	109.27	113.73	118.09
2200	0.26	5.03	10.13	20.27	40.11	59.85	79.73	89.96	100.34	104.96	109.17	113.82	118.06
2300	0.26	5.04	10.14	20.29	40.13	59.86	79.75	89.99	100.40	105.01	109.16	113.75	117.83
2400	0.26	5.06	10.16	20.31	40.16	59.89	79.80	90.04	100.39	105.11	109.36	113.94	118.27
2500	0.26	5.06	10.17	20.32	40.18	59.92	79.87	90.13	100.45	105.26	109.52	114.25	118.75
2600	0.26	5.06	10.17	20.32	40.19	59.96	79.94	90.19	100.59	105.40	109.66	114.37	118.81
2700	0.26	5.06	10.18	20.31	40.20	60.00	80.00	90.26	100.66	105.52	109.78	114.57	119.18
2800	0.26	5.06	10.19	20.31	40.22	60.03	80.03	90.30	100.85	105.52	109.85	114.44	119.14
2900	0.26	5.05	10.18	20.30	40.22	60.04	80.06	90.31	100.88	105.58	110.03	114.68	119.18
3000	0.26	5.04	10.16	20.28	40.22	60.03	80.06	90.32	100.84	105.71	109.97	114.82	119.22
3100	0.26	5.02	10.14	20.26	40.21	60.03	80.07	90.34	100.99	105.71	110.08	114.81	119.48
3200	0.26	5.02	10.14	20.25	40.21	60.04	80.10	90.37	101.00	105.74	110.08	114.68	119.42
3300	0.26	5.02	10.14	20.24	40.22	60.07	80.15	90.39	101.02	105.67	109.91	114.45	118.79
3400	0.26	5.04	10.14	20.25	40.23	60.11	80.18	90.43	100.96	105.66	109.85	114.31	118.56
3500	0.26	5.06	10.14	20.27	40.26	60.14	80.22	90.45	100.83	105.70	109.77	114.16	118.28
3600	0.26	5.08	10.14	20.30	40.30	60.12	80.20	90.44	100.90	105.61	109.69	114.08	118.13
3700	0.26	5.12	10.15	20.33	40.33	60.11	80.22	90.50	101.23	105.98	110.36	115.12	119.85
3800	0.26	5.16	10.16	20.37	40.36	60.18	80.32	90.64	101.40	106.31	110.72	115.87	121.22
3900	0.26	5.20	10.18	20.42	40.42	60.24	80.39	90.73	101.61	106.50	111.12	116.51	122.34
4000	0.27	5.25	10.21	20.47	40.46	60.27	80.44	90.80	101.79	106.83	111.55	117.26	123.74
4100	0.27	5.30	10.24	20.53	40.50	60.30	80.48	90.91	102.04	107.15	111.83	118.07	124.97
4200	0.27	5.35	10.28	20.59	40.55	60.31	80.49	90.95	102.11	107.18	111.92	117.87	124.07
4300	0.28	5.39	10.32	20.66	40.60	60.34	80.56	91.04	102.05	107.12	111.83	117.41	123.17
4400	0.28	5.43	10.34	20.72	40.65	60.38	80.61	91.10	102.23	107.10	111.71	117.06	122.70
4500	0.29	5.46	10.36	20.77	40.69	60.39	80.62	91.13	102.04	106.96	111.31	116.76	121.85
4600	0.29	5.50	10.38	20.83	40.72	60.42	80.65	91.13	102.04	106.96	111.40	116.63	121.62
4700	0.30	5.52	10.38	20.86	40.75	60.44	80.67	91.18	102.04	106.95	111.42	116.84	122.13
4800	0.30	5.54	10.38	20.89	40.78	60.44	80.69	91.23	102.01	107.05	111.44	117.07	122.27
4900	0.30	5.54	10.38	20.91	40.80	60.46	80.71	91.25	102.07	107.13	111.63	117.14	122.41
5000	0.31	5.55	10.38	20.92	40.81	60.50	80.75	91.31	102.31	107.19	111.85	117.28	122.76
5100	0.31	5.55	10.39	20.94	40.81	60.53	80.80	91.33	102.48	107.29	111.86	117.19	122.78
5200	0.31	5.54	10.40	20.97	40.83	60.57	80.85	91.36	102.35	107.21	111.46	116.63	121.00
5300	0.31	5.55	10.43	21.01	40.87	60.63	80.92	91.33	102.01	106.79	110.64	115.21	119.14
5400	0.31	5.56	10.46	21.04	40.91	60.72	80.97	91.35	101.84	106.64	110.63	115.34	119.39
5500	0.32	5.57	10.51	21.08	40.96	60.79	81.04	91.44	101.91	106.88	110.92	115.51	120.06
5600	0.32	5.59	10.57	21.11	41.01	60.89	81.12	91.45	101.99	106.98	110.91	115.76	120.01
5700	0.33	5.62	10.63	21.14	41.05	60.99	81.21	91.48	102.00	107.01	111.12	115.89	120.17
5800	0.33	5.65	10.69	21.16	41.09	61.08	81.28	91.52	101.98	107.22	111.31	116.09	120.98
5900	0.34	5.69	10.75	21.17	41.11	61.13	81.32	91.54	102.03	107.25	111.33	116.42	121.22
6000	0.35	5.74	10.79	21.15	41.12	61.16	81.34	91.52	101.96	107.15	111.20	116.26	121.13

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-Circuit's 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/MCStore/terms.jsp



Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 0°C

Freq. (MHz)	Attenuation relative to Insertion Loss @ Fine resolution (0.05 dB)									
	7.4 dB	7.45 dB	7.5 dB	7.55 dB	7.6 dB	67.4 dB	67.45	67.5 dB	67.55	67.6 dB
200	7.58	7.63	7.66	7.72	7.77	67.66	67.72	67.79	67.83	67.87
300	7.56	7.61	7.65	7.70	7.75	67.61	67.65	67.72	67.76	67.81
400	7.52	7.57	7.60	7.66	7.71	67.47	67.54	67.61	67.66	67.69
500	7.47	7.52	7.55	7.61	7.66	67.37	67.44	67.49	67.56	67.60
600	7.42	7.47	7.50	7.56	7.61	67.29	67.33	67.41	67.46	67.52
700	7.39	7.43	7.46	7.52	7.58	67.24	67.29	67.37	67.39	67.47
800	7.36	7.41	7.43	7.50	7.55	67.22	67.26	67.36	67.36	67.42
900	7.36	7.41	7.43	7.49	7.55	67.23	67.26	67.31	67.36	67.40
1000	7.37	7.42	7.44	7.51	7.56	67.22	67.28	67.33	67.38	67.40
1100	7.40	7.45	7.47	7.53	7.59	67.26	67.30	67.35	67.39	67.45
1200	7.44	7.49	7.51	7.57	7.63	67.31	67.36	67.37	67.44	67.50
1300	7.49	7.53	7.56	7.62	7.68	67.34	67.39	67.43	67.51	67.58
1400	7.53	7.58	7.61	7.67	7.72	67.43	67.47	67.51	67.56	67.64
1500	7.57	7.62	7.64	7.70	7.76	67.47	67.53	67.56	67.60	67.69
1600	7.59	7.64	7.66	7.73	7.78	67.50	67.57	67.61	67.67	67.73
1700	7.61	7.66	7.68	7.74	7.80	67.55	67.61	67.63	67.69	67.76
1800	7.61	7.66	7.68	7.75	7.80	67.57	67.63	67.63	67.72	67.72
1900	7.62	7.67	7.68	7.75	7.80	67.59	67.66	67.67	67.73	67.76
2000	7.62	7.67	7.68	7.75	7.81	67.60	67.69	67.66	67.72	67.78
2100	7.63	7.68	7.69	7.75	7.81	67.63	67.69	67.64	67.74	67.84
2200	7.63	7.69	7.69	7.76	7.82	67.66	67.66	67.69	67.77	67.82
2300	7.65	7.71	7.70	7.77	7.83	67.65	67.70	67.72	67.79	67.84
2400	7.67	7.73	7.72	7.79	7.85	67.67	67.75	67.74	67.79	67.84
2500	7.69	7.75	7.74	7.81	7.87	67.70	67.76	67.78	67.83	67.89
2600	7.70	7.76	7.75	7.82	7.89	67.76	67.81	67.80	67.87	67.93
2700	7.71	7.77	7.76	7.83	7.89	67.78	67.85	67.84	67.93	67.97
2800	7.70	7.76	7.75	7.82	7.88	67.81	67.89	67.87	67.91	68.00
2900	7.69	7.75	7.74	7.81	7.87	67.81	67.92	67.87	67.98	67.99
3000	7.67	7.73	7.73	7.79	7.85	67.84	67.93	67.90	67.97	68.00
3100	7.65	7.70	7.70	7.77	7.83	67.86	67.93	67.94	68.00	68.05
3200	7.62	7.68	7.68	7.74	7.80	67.90	67.96	67.94	68.04	68.08
3300	7.59	7.64	7.65	7.71	7.77	67.90	68.01	67.98	68.06	68.13
3400	7.56	7.61	7.62	7.68	7.74	67.93	68.02	68.02	68.07	68.17
3500	7.53	7.59	7.60	7.66	7.72	67.99	68.06	68.06	68.10	68.18
3600	7.51	7.56	7.58	7.64	7.70	67.97	68.11	68.13	68.12	68.22
3700	7.49	7.54	7.56	7.62	7.68	68.05	68.11	68.10	68.16	68.26
3800	7.47	7.52	7.54	7.60	7.66	68.09	68.15	68.12	68.20	68.26
3900	7.45	7.51	7.53	7.59	7.65	68.08	68.18	68.21	68.19	68.27
4000	7.45	7.51	7.52	7.59	7.65	68.14	68.19	68.19	68.26	68.36
4100	7.47	7.53	7.54	7.60	7.66	68.19	68.25	68.24	68.27	68.43
4200	7.49	7.55	7.56	7.63	7.69	68.24	68.30	68.29	68.36	68.45
4300	7.52	7.58	7.58	7.65	7.71	68.29	68.37	68.34	68.41	68.46
4400	7.53	7.59	7.59	7.66	7.73	68.31	68.40	68.31	68.42	68.47
4500	7.55	7.61	7.60	7.68	7.74	68.39	68.42	68.35	68.41	68.50
4600	7.57	7.64	7.62	7.69	7.76	68.38	68.42	68.36	68.45	68.56
4700	7.59	7.65	7.63	7.70	7.77	68.41	68.50	68.36	68.50	68.56
4800	7.59	7.66	7.63	7.71	7.78	68.39	68.48	68.42	68.48	68.55
4900	7.60	7.67	7.62	7.70	7.78	68.38	68.48	68.40	68.49	68.57
5000	7.60	7.67	7.62	7.70	7.78	68.47	68.50	68.40	68.53	68.58
5100	7.61	7.68	7.62	7.70	7.78	68.46	68.55	68.47	68.55	68.61
5200	7.62	7.70	7.63	7.72	7.79	68.49	68.60	68.49	68.58	68.67
5300	7.64	7.72	7.65	7.73	7.81	68.50	68.67	68.54	68.63	68.68
5400	7.67	7.74	7.67	7.76	7.84	68.56	68.70	68.57	68.70	68.75
5500	7.70	7.78	7.70	7.78	7.87	68.66	68.77	68.64	68.70	68.80
5600	7.74	7.82	7.73	7.82	7.90	68.78	68.88	68.74	68.79	68.91
5700	7.78	7.86	7.77	7.86	7.94	68.80	68.91	68.80	68.94	68.98
5800	7.82	7.90	7.81	7.90	7.98	68.90	68.98	68.89	69.02	69.06
5900	7.86	7.94	7.85	7.94	8.02	68.96	69.06	68.91	69.06	69.13
6000	7.89	7.97	7.88	7.97	8.06	68.96	69.08	68.96	69.04	69.11

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 0°C

Freq. (MHz)	Attenuation relative to Insertion Loss @ Fine resolution (0.05 dB)				
	100.4	100.45	100.5	100.55	100.6
200	100.85	100.88	100.99	101.02	101.05
300	100.18	100.24	100.33	100.36	100.41
400	99.67	99.72	99.81	99.85	99.89
500	99.46	99.48	99.57	99.61	99.67
600	99.39	99.44	99.52	99.56	99.60
700	99.45	99.50	99.58	99.63	99.66
800	99.56	99.61	99.69	99.74	99.77
900	99.69	99.73	99.80	99.86	99.92
1000	99.82	99.87	99.95	100.00	100.04
1100	99.92	100.00	100.04	100.07	100.13
1200	100.03	100.10	100.14	100.19	100.26
1300	100.17	100.21	100.27	100.31	100.39
1400	100.30	100.35	100.39	100.44	100.49
1500	100.43	100.47	100.49	100.60	100.63
1600	100.52	100.56	100.58	100.67	100.73
1700	100.53	100.60	100.61	100.65	100.76
1800	100.57	100.63	100.67	100.73	100.79
1900	100.64	100.66	100.68	100.75	100.80
2000	100.64	100.69	100.72	100.77	100.83
2100	100.71	100.77	100.80	100.84	100.95
2200	100.81	100.84	100.85	100.92	101.00
2300	100.80	100.86	100.86	100.95	101.01
2400	100.81	100.89	100.90	100.95	101.03
2500	100.94	101.00	101.02	101.07	101.12
2600	101.06	101.15	101.15	101.19	101.24
2700	101.15	101.20	101.20	101.27	101.33
2800	101.22	101.32	101.24	101.37	101.41
2900	101.32	101.39	101.38	101.44	101.48
3000	101.35	101.42	101.41	101.49	101.55
3100	101.42	101.50	101.45	101.55	101.60
3200	101.45	101.54	101.50	101.58	101.69
3300	101.44	101.54	101.48	101.55	101.64
3400	101.44	101.52	101.47	101.54	101.62
3500	101.39	101.47	101.45	101.51	101.55
3600	101.46	101.51	101.43	101.54	101.61
3700	101.71	101.77	101.76	101.80	101.91
3800	101.86	101.96	101.87	102.00	102.05
3900	102.04	102.11	102.06	102.13	102.26
4000	102.26	102.40	102.30	102.37	102.47
4100	102.52	102.60	102.52	102.57	102.65
4200	102.63	102.65	102.59	102.72	102.79
4300	102.61	102.66	102.64	102.75	102.80
4400	102.65	102.73	102.65	102.77	102.83
4500	102.59	102.68	102.58	102.66	102.77
4600	102.54	102.62	102.51	102.60	102.66
4700	102.53	102.63	102.54	102.61	102.72
4800	102.58	102.62	102.57	102.61	102.70
4900	102.63	102.72	102.65	102.71	102.76
5000	102.78	102.83	102.79	102.84	102.94
5100	102.99	103.04	102.97	103.07	103.18
5200	102.92	102.94	102.83	102.92	103.02
5300	102.64	102.68	102.60	102.64	102.78
5400	102.25	102.31	102.23	102.27	102.39
5500	102.28	102.37	102.30	102.38	102.46
5600	102.42	102.53	102.40	102.46	102.57
5700	102.38	102.48	102.37	102.38	102.55
5800	102.37	102.45	102.39	102.47	102.60
5900	102.46	102.56	102.41	102.52	102.62
6000	102.45	102.49	102.46	102.52	102.58

Freq. (MHz)	I. Loss (dB)
200	4.07
300	4.16
400	4.30
500	4.46
600	4.63
700	4.79
800	4.94
900	5.06
1000	5.16
1100	5.24
1200	5.31
1300	5.37
1400	5.42
1500	5.47
1600	5.55
1700	5.65
1800	5.77
1900	5.90
2000	6.03
2100	6.14
2200	6.21
2300	6.24
2400	6.28
2500	6.33
2600	6.41
2700	6.48
2800	6.57
2900	6.66
3000	6.77
3100	6.90
3200	7.01
3300	7.13
3400	7.24
3500	7.34
3600	7.44
3700	7.54
3800	7.64
3900	7.72
4000	7.79
4100	7.85
4200	7.91
4300	7.98
4400	8.06
4500	8.14
4600	8.22
4700	8.32
4800	8.42
4900	8.53
5000	8.64
5100	8.76
5200	8.88
5300	8.99
5400	9.10
5500	9.21
5600	9.33
5700	9.46
5800	9.60
5900	9.77
6000	9.96

Notes

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- 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/MCLStore/terms.jsp



Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 0°C

Freq. (MHz)	Input VSWR (:1)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	1.68	1.27	1.23	1.10	1.23	1.11	1.12	1.09	1.12	1.12	1.12	1.09	1.09
300	1.53	1.20	1.19	1.06	1.22	1.08	1.09	1.06	1.09	1.09	1.09	1.06	1.06
400	1.39	1.17	1.18	1.06	1.21	1.07	1.08	1.04	1.08	1.08	1.08	1.04	1.04
500	1.27	1.17	1.18	1.07	1.22	1.06	1.08	1.03	1.08	1.08	1.08	1.03	1.03
600	1.15	1.19	1.20	1.08	1.22	1.06	1.08	1.03	1.08	1.08	1.08	1.03	1.03
700	1.04	1.23	1.22	1.09	1.23	1.06	1.08	1.03	1.08	1.08	1.08	1.03	1.03
800	1.04	1.27	1.24	1.10	1.23	1.06	1.08	1.03	1.08	1.08	1.08	1.03	1.03
900	1.14	1.31	1.26	1.10	1.22	1.06	1.08	1.03	1.08	1.08	1.08	1.03	1.03
1000	1.23	1.35	1.29	1.11	1.23	1.06	1.08	1.04	1.08	1.08	1.08	1.04	1.04
1100	1.31	1.38	1.31	1.11	1.22	1.06	1.08	1.04	1.08	1.08	1.08	1.04	1.04
1200	1.37	1.39	1.31	1.10	1.21	1.05	1.07	1.04	1.07	1.07	1.07	1.04	1.04
1300	1.42	1.40	1.32	1.09	1.20	1.05	1.07	1.04	1.07	1.07	1.07	1.04	1.04
1400	1.43	1.39	1.31	1.08	1.19	1.05	1.07	1.04	1.06	1.06	1.06	1.04	1.04
1500	1.44	1.37	1.30	1.07	1.18	1.04	1.06	1.04	1.06	1.06	1.06	1.04	1.04
1600	1.43	1.34	1.29	1.06	1.17	1.04	1.06	1.04	1.06	1.06	1.06	1.04	1.04
1700	1.41	1.32	1.27	1.04	1.16	1.04	1.06	1.05	1.06	1.06	1.06	1.05	1.05
1800	1.40	1.30	1.26	1.04	1.15	1.03	1.05	1.04	1.05	1.05	1.05	1.04	1.04
1900	1.40	1.28	1.25	1.03	1.15	1.04	1.05	1.04	1.05	1.05	1.05	1.04	1.04
2000	1.40	1.27	1.25	1.03	1.14	1.03	1.05	1.04	1.05	1.05	1.05	1.04	1.04
2100	1.41	1.27	1.24	1.03	1.14	1.03	1.05	1.04	1.05	1.05	1.05	1.04	1.04
2200	1.44	1.28	1.25	1.02	1.13	1.02	1.04	1.04	1.04	1.04	1.04	1.04	1.04
2300	1.47	1.29	1.25	1.02	1.13	1.01	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2400	1.50	1.31	1.26	1.03	1.13	1.00	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2500	1.52	1.33	1.27	1.03	1.13	1.00	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2600	1.53	1.34	1.27	1.04	1.13	1.00	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2700	1.51	1.34	1.28	1.04	1.13	1.01	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2800	1.49	1.34	1.27	1.05	1.12	1.01	1.01	1.04	1.01	1.01	1.01	1.04	1.04
2900	1.46	1.34	1.27	1.06	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3000	1.41	1.33	1.27	1.07	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3100	1.35	1.31	1.26	1.07	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3200	1.29	1.30	1.24	1.08	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3300	1.23	1.27	1.23	1.08	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3400	1.18	1.25	1.21	1.09	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3500	1.13	1.22	1.19	1.09	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3600	1.08	1.19	1.18	1.09	1.12	1.02	1.01	1.04	1.01	1.01	1.01	1.04	1.04
3700	1.05	1.16	1.16	1.09	1.12	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3800	1.05	1.13	1.14	1.08	1.11	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3900	1.08	1.09	1.13	1.07	1.11	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
4000	1.11	1.06	1.12	1.06	1.11	1.01	1.02	1.02	1.02	1.02	1.02	1.02	1.02
4100	1.14	1.06	1.11	1.05	1.11	1.01	1.03	1.02	1.03	1.03	1.03	1.02	1.02
4200	1.15	1.07	1.11	1.04	1.11	1.01	1.03	1.02	1.03	1.03	1.03	1.02	1.02
4300	1.16	1.10	1.11	1.04	1.11	1.01	1.03	1.02	1.03	1.03	1.03	1.02	1.02
4400	1.16	1.13	1.12	1.04	1.12	1.01	1.03	1.02	1.03	1.03	1.03	1.02	1.02
4500	1.15	1.17	1.14	1.05	1.13	1.02	1.04	1.02	1.04	1.04	1.04	1.02	1.02
4600	1.15	1.21	1.15	1.06	1.14	1.02	1.05	1.02	1.05	1.05	1.05	1.02	1.02
4700	1.14	1.25	1.17	1.07	1.15	1.03	1.05	1.03	1.05	1.05	1.05	1.03	1.03
4800	1.14	1.28	1.19	1.07	1.16	1.04	1.06	1.04	1.06	1.06	1.06	1.04	1.04
4900	1.15	1.30	1.21	1.07	1.16	1.04	1.07	1.04	1.06	1.06	1.06	1.04	1.04
5000	1.17	1.33	1.22	1.07	1.17	1.04	1.07	1.04	1.07	1.07	1.07	1.04	1.04
5100	1.19	1.35	1.24	1.08	1.18	1.05	1.08	1.05	1.08	1.08	1.08	1.05	1.05
5200	1.20	1.36	1.25	1.07	1.18	1.06	1.09	1.06	1.09	1.09	1.09	1.06	1.06
5300	1.21	1.35	1.25	1.07	1.19	1.07	1.10	1.07	1.10	1.10	1.10	1.07	1.07
5400	1.20	1.34	1.24	1.05	1.19	1.07	1.11	1.08	1.11	1.11	1.11	1.08	1.08
5500	1.19	1.32	1.22	1.04	1.19	1.08	1.12	1.09	1.12	1.12	1.12	1.09	1.09
5600	1.17	1.29	1.20	1.02	1.19	1.09	1.13	1.10	1.13	1.13	1.13	1.10	1.10
5700	1.14	1.27	1.17	1.01	1.19	1.11	1.15	1.12	1.15	1.15	1.15	1.12	1.12
5800	1.11	1.25	1.14	1.03	1.18	1.12	1.16	1.13	1.16	1.16	1.16	1.13	1.13
5900	1.11	1.26	1.13	1.07	1.18	1.13	1.18	1.15	1.18	1.18	1.18	1.15	1.15
6000	1.13	1.28	1.13	1.11	1.17	1.14	1.19	1.16	1.19	1.19	1.19	1.16	1.16

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 0°C

Freq. (MHz)	Output VSWR (:1)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	1.68	1.38	1.21	1.21	1.19	1.09	1.09	1.13	1.12	1.09	1.09	1.10	1.08
300	1.53	1.30	1.17	1.17	1.16	1.05	1.06	1.10	1.09	1.06	1.06	1.07	1.04
400	1.41	1.26	1.15	1.17	1.16	1.04	1.05	1.09	1.08	1.05	1.05	1.06	1.03
500	1.29	1.25	1.15	1.17	1.16	1.04	1.05	1.09	1.08	1.05	1.05	1.06	1.03
600	1.18	1.24	1.15	1.17	1.16	1.04	1.05	1.09	1.08	1.05	1.05	1.06	1.03
700	1.08	1.24	1.15	1.17	1.16	1.05	1.05	1.09	1.08	1.06	1.06	1.05	1.03
800	1.07	1.25	1.15	1.18	1.16	1.05	1.05	1.09	1.08	1.06	1.06	1.05	1.04
900	1.15	1.27	1.16	1.18	1.16	1.05	1.06	1.09	1.08	1.06	1.06	1.05	1.04
1000	1.23	1.30	1.18	1.18	1.16	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.04
1100	1.30	1.32	1.19	1.18	1.15	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.05
1200	1.37	1.34	1.19	1.17	1.15	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.05
1300	1.41	1.34	1.20	1.16	1.14	1.06	1.07	1.09	1.07	1.07	1.07	1.06	1.06
1400	1.42	1.33	1.19	1.15	1.13	1.06	1.07	1.08	1.07	1.08	1.08	1.06	1.06
1500	1.41	1.32	1.18	1.14	1.12	1.06	1.06	1.08	1.06	1.07	1.07	1.05	1.06
1600	1.40	1.30	1.17	1.13	1.12	1.06	1.06	1.08	1.06	1.07	1.07	1.05	1.07
1700	1.37	1.28	1.16	1.12	1.11	1.06	1.07	1.08	1.06	1.07	1.07	1.05	1.07
1800	1.34	1.26	1.16	1.11	1.11	1.07	1.07	1.07	1.06	1.08	1.08	1.05	1.07
1900	1.30	1.24	1.15	1.11	1.11	1.07	1.07	1.07	1.06	1.08	1.08	1.06	1.08
2000	1.28	1.22	1.14	1.10	1.10	1.07	1.07	1.07	1.06	1.08	1.08	1.05	1.08
2100	1.27	1.22	1.14	1.09	1.10	1.07	1.07	1.06	1.05	1.08	1.08	1.05	1.07
2200	1.28	1.22	1.13	1.09	1.09	1.06	1.06	1.06	1.04	1.07	1.07	1.04	1.07
2300	1.29	1.22	1.14	1.08	1.08	1.06	1.06	1.05	1.03	1.07	1.07	1.04	1.07
2400	1.31	1.23	1.14	1.08	1.08	1.05	1.05	1.05	1.03	1.07	1.07	1.03	1.07
2500	1.33	1.24	1.15	1.08	1.07	1.05	1.05	1.04	1.02	1.07	1.07	1.03	1.07
2600	1.33	1.25	1.16	1.08	1.07	1.05	1.05	1.04	1.01	1.06	1.06	1.02	1.07
2700	1.34	1.25	1.16	1.09	1.07	1.05	1.04	1.04	1.01	1.06	1.06	1.02	1.07
2800	1.33	1.25	1.16	1.09	1.07	1.05	1.04	1.04	1.01	1.05	1.05	1.02	1.07
2900	1.31	1.25	1.15	1.10	1.07	1.05	1.04	1.05	1.01	1.05	1.05	1.03	1.07
3000	1.28	1.25	1.15	1.10	1.07	1.05	1.04	1.05	1.01	1.05	1.05	1.03	1.06
3100	1.24	1.23	1.15	1.10	1.07	1.05	1.04	1.04	1.01	1.05	1.05	1.03	1.06
3200	1.21	1.22	1.14	1.11	1.08	1.05	1.04	1.05	1.02	1.05	1.05	1.04	1.06
3300	1.19	1.22	1.13	1.12	1.09	1.05	1.03	1.05	1.03	1.04	1.04	1.04	1.06
3400	1.17	1.21	1.12	1.12	1.09	1.04	1.02	1.06	1.03	1.03	1.03	1.05	1.05
3500	1.16	1.20	1.11	1.13	1.09	1.04	1.02	1.06	1.03	1.03	1.03	1.05	1.05
3600	1.15	1.19	1.11	1.13	1.09	1.03	1.02	1.06	1.03	1.03	1.03	1.04	1.04
3700	1.14	1.17	1.10	1.12	1.08	1.03	1.03	1.05	1.03	1.03	1.03	1.04	1.04
3800	1.15	1.16	1.09	1.12	1.09	1.03	1.03	1.05	1.03	1.03	1.03	1.04	1.04
3900	1.18	1.15	1.09	1.12	1.09	1.03	1.02	1.05	1.04	1.03	1.03	1.04	1.03
4000	1.21	1.14	1.09	1.12	1.09	1.02	1.03	1.06	1.04	1.03	1.03	1.04	1.02
4100	1.23	1.14	1.09	1.12	1.10	1.02	1.03	1.06	1.05	1.03	1.03	1.05	1.03
4200	1.23	1.15	1.09	1.12	1.11	1.03	1.05	1.07	1.06	1.04	1.04	1.05	1.04
4300	1.21	1.16	1.09	1.11	1.10	1.04	1.06	1.07	1.06	1.05	1.05	1.05	1.04
4400	1.19	1.18	1.10	1.11	1.11	1.04	1.06	1.07	1.06	1.06	1.06	1.05	1.05
4500	1.17	1.19	1.11	1.11	1.11	1.05	1.07	1.07	1.06	1.07	1.07	1.05	1.05
4600	1.14	1.21	1.12	1.12	1.12	1.06	1.08	1.07	1.07	1.07	1.07	1.05	1.06
4700	1.12	1.23	1.14	1.13	1.13	1.07	1.09	1.08	1.08	1.08	1.08	1.06	1.07
4800	1.11	1.24	1.15	1.14	1.14	1.09	1.11	1.10	1.09	1.10	1.10	1.07	1.09
4900	1.12	1.25	1.16	1.13	1.14	1.10	1.12	1.10	1.09	1.11	1.11	1.08	1.10
5000	1.15	1.25	1.18	1.13	1.15	1.11	1.13	1.11	1.10	1.12	1.12	1.09	1.11
5100	1.17	1.26	1.19	1.13	1.16	1.12	1.14	1.12	1.11	1.13	1.13	1.09	1.12
5200	1.18	1.25	1.19	1.12	1.17	1.13	1.15	1.13	1.12	1.15	1.15	1.10	1.13
5300	1.19	1.24	1.20	1.12	1.18	1.14	1.17	1.14	1.13	1.16	1.16	1.12	1.14
5400	1.19	1.22	1.20	1.12	1.19	1.16	1.19	1.16	1.15	1.18	1.18	1.13	1.16
5500	1.17	1.19	1.21	1.11	1.20	1.18	1.21	1.18	1.17	1.20	1.20	1.15	1.19
5600	1.14	1.17	1.21	1.10	1.21	1.20	1.23	1.19	1.19	1.22	1.22	1.17	1.20
5700	1.11	1.18	1.21	1.09	1.21	1.21	1.25	1.20	1.20	1.24	1.24	1.18	1.22
5800	1.09	1.20	1.20	1.10	1.21	1.22	1.26	1.21	1.21	1.25	1.25	1.19	1.23
5900	1.10	1.23	1.20	1.13	1.22	1.24	1.27	1.23	1.23	1.27	1.27	1.21	1.25
6000	1.14	1.28	1.23	1.16	1.23	1.26	1.30	1.25	1.25	1.29	1.29	1.23	1.27

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 25°C

Freq. (MHz)	Attenuation relative to Insertion Loss (dB)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	0.27	5.12	10.15	20.36	40.34	59.36	79.31	89.41	100.11	103.89	108.01	112.40	116.24
300	0.27	5.09	10.11	20.34	40.23	59.43	79.15	89.26	99.41	103.35	107.58	111.88	115.81
400	0.27	5.05	10.05	20.29	40.10	59.36	78.91	88.99	98.93	102.90	107.08	111.44	115.37
500	0.26	4.99	9.99	20.21	39.98	59.22	78.68	88.76	98.71	102.68	106.83	111.18	114.97
600	0.26	4.94	9.93	20.14	39.88	59.08	78.53	88.61	98.66	102.63	106.77	111.20	115.07
700	0.26	4.89	9.88	20.06	39.79	59.02	78.49	88.57	98.69	102.77	106.89	111.33	115.24
800	0.26	4.85	9.85	19.99	39.73	59.02	78.52	88.59	98.82	102.95	107.11	111.49	115.51
900	0.26	4.82	9.83	19.94	39.69	59.06	78.61	88.68	98.93	103.17	107.31	111.67	116.04
1000	0.26	4.81	9.84	19.92	39.69	59.15	78.74	88.81	99.03	103.39	107.58	112.05	116.19
1100	0.26	4.81	9.86	19.92	39.70	59.23	78.85	88.91	99.13	103.62	107.79	112.23	116.45
1200	0.26	4.83	9.90	19.94	39.73	59.31	78.95	89.00	99.24	103.77	107.94	112.34	116.63
1300	0.26	4.86	9.95	19.98	39.78	59.38	79.05	89.11	99.45	103.91	108.10	112.62	116.80
1400	0.26	4.89	9.99	20.01	39.82	59.38	79.07	89.14	99.49	103.96	108.22	112.61	116.83
1500	0.27	4.92	10.02	20.05	39.87	59.38	79.10	89.18	99.63	104.02	108.27	112.74	117.04
1600	0.27	4.94	10.05	20.09	39.91	59.42	79.15	89.23	99.76	104.12	108.36	112.80	117.13
1700	0.27	4.96	10.07	20.11	39.93	59.47	79.21	89.31	99.77	104.26	108.49	112.95	117.28
1800	0.27	4.97	10.08	20.13	39.95	59.53	79.29	89.39	99.78	104.34	108.60	113.08	117.38
1900	0.27	4.98	10.08	20.15	39.96	59.60	79.39	89.50	99.79	104.42	108.67	113.00	117.57
2000	0.26	4.99	10.08	20.16	39.96	59.64	79.44	89.58	99.80	104.53	108.80	113.15	117.63
2100	0.26	4.99	10.08	20.17	39.97	59.64	79.46	89.62	99.94	104.57	108.79	113.40	117.76
2200	0.26	5.00	10.09	20.18	39.99	59.62	79.46	89.62	100.08	104.62	108.81	113.26	117.86
2300	0.26	5.01	10.10	20.19	40.00	59.61	79.47	89.62	100.02	104.58	108.83	113.22	117.55
2400	0.26	5.02	10.11	20.20	40.02	59.64	79.51	89.68	100.01	104.70	108.91	113.49	118.05
2500	0.26	5.02	10.12	20.21	40.04	59.69	79.59	89.78	100.19	104.84	109.19	113.77	118.21
2600	0.26	5.02	10.13	20.21	40.06	59.75	79.66	89.86	100.23	104.93	109.27	113.91	118.45
2700	0.26	5.02	10.14	20.22	40.08	59.80	79.73	89.91	100.36	105.07	109.32	113.97	118.52
2800	0.26	5.02	10.15	20.22	40.09	59.83	79.77	89.97	100.44	105.13	109.43	114.11	118.72
2900	0.26	5.01	10.14	20.21	40.09	59.83	79.79	89.99	100.55	105.24	109.49	114.25	118.77
3000	0.27	5.00	10.12	20.19	40.09	59.82	79.79	90.00	100.58	105.29	109.56	114.26	118.84
3100	0.27	4.99	10.10	20.17	40.07	59.82	79.80	90.01	100.61	105.30	109.59	114.39	118.66
3200	0.27	4.99	10.08	20.16	40.07	59.81	79.81	90.01	100.60	105.26	109.47	114.07	118.50
3300	0.27	5.00	10.08	20.16	40.08	59.84	79.84	90.03	100.56	105.30	109.52	113.93	118.42
3400	0.27	5.01	10.08	20.17	40.10	59.87	79.88	90.06	100.57	105.29	109.41	113.89	118.26
3500	0.27	5.03	10.08	20.19	40.12	59.89	79.90	90.07	100.53	105.21	109.29	113.87	117.85
3600	0.27	5.05	10.09	20.21	40.15	59.87	79.89	90.09	100.58	105.32	109.53	114.05	118.78
3700	0.27	5.07	10.09	20.24	40.17	59.87	79.91	90.14	100.88	105.69	110.08	114.90	119.96
3800	0.27	5.11	10.09	20.27	40.20	59.91	79.97	90.25	101.05	105.95	110.36	115.51	120.69
3900	0.27	5.15	10.11	20.32	40.24	59.96	80.04	90.33	101.28	106.12	110.78	116.04	121.78
4000	0.27	5.20	10.15	20.38	40.30	59.99	80.09	90.43	101.49	106.33	111.03	116.77	122.90
4100	0.28	5.26	10.18	20.45	40.35	60.01	80.12	90.50	101.59	106.47	111.13	117.02	123.87
4200	0.28	5.31	10.22	20.51	40.41	60.04	80.17	90.59	101.68	106.46	111.13	117.10	122.92
4300	0.29	5.35	10.24	20.56	40.45	60.08	80.22	90.67	101.65	106.61	111.33	116.81	122.34
4400	0.29	5.39	10.26	20.61	40.48	60.11	80.26	90.73	101.68	106.52	111.03	116.69	122.08
4500	0.30	5.44	10.28	20.66	40.51	60.13	80.30	90.76	101.67	106.51	110.81	116.13	121.24
4600	0.30	5.48	10.31	20.71	40.55	60.17	80.34	90.79	101.72	106.49	110.85	116.13	120.73
4700	0.30	5.50	10.32	20.75	40.58	60.19	80.37	90.83	101.77	106.45	110.86	116.16	121.13
4800	0.31	5.51	10.33	20.78	40.60	60.19	80.38	90.85	101.69	106.50	110.93	116.28	121.35
4900	0.31	5.51	10.32	20.79	40.60	60.19	80.38	90.85	101.68	106.54	111.03	116.44	121.51
5000	0.31	5.50	10.31	20.80	40.60	60.21	80.41	90.87	101.78	106.62	111.19	116.75	121.68
5100	0.31	5.49	10.31	20.80	40.61	60.23	80.45	90.93	101.92	106.72	111.23	116.78	121.89
5200	0.32	5.49	10.33	20.82	40.64	60.27	80.48	90.93	101.95	106.43	110.85	115.61	119.94
5300	0.32	5.50	10.36	20.86	40.69	60.36	80.56	90.93	101.64	106.16	110.11	114.74	118.67
5400	0.32	5.51	10.41	20.91	40.74	60.45	80.64	90.94	101.39	106.14	110.21	114.87	119.26
5500	0.32	5.52	10.45	20.95	40.80	60.55	80.74	91.02	101.53	106.41	110.54	115.29	119.69
5600	0.32	5.53	10.51	20.98	40.85	60.64	80.81	91.08	101.50	106.41	110.55	115.29	119.82
5700	0.33	5.56	10.56	21.00	40.89	60.72	80.88	91.11	101.36	106.49	110.60	115.39	119.84
5800	0.34	5.60	10.61	21.02	40.91	60.80	80.95	91.12	101.45	106.64	110.73	115.65	120.34
5900	0.34	5.65	10.67	21.02	40.93	60.85	80.97	91.13	101.52	106.68	110.67	115.55	120.56
6000	0.35	5.69	10.72	21.01	40.92	60.88	80.97	91.12	101.52	106.56	110.71	115.74	120.24

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 25°C

Freq. (MHz)	Attenuation relative to Insertion Loss @ Fine resolution (0.05 dB)									
	7.4 dB	7.45 dB	7.5 dB	7.55 dB	7.6 dB	67.4 dB	67.45	67.5 dB	67.55	67.6 dB
200	7.59	7.64	7.68	7.74	7.79	67.53	67.58	67.67	67.68	67.73
300	7.56	7.61	7.65	7.70	7.75	67.41	67.47	67.54	67.59	67.62
400	7.51	7.56	7.60	7.66	7.71	67.29	67.35	67.41	67.49	67.51
500	7.46	7.51	7.55	7.60	7.66	67.19	67.24	67.31	67.35	67.38
600	7.41	7.46	7.50	7.56	7.61	67.12	67.17	67.26	67.28	67.32
700	7.38	7.43	7.46	7.52	7.57	67.08	67.11	67.17	67.24	67.26
800	7.35	7.40	7.44	7.50	7.55	67.02	67.08	67.14	67.21	67.23
900	7.35	7.40	7.44	7.49	7.55	67.01	67.09	67.16	67.20	67.22
1000	7.37	7.41	7.45	7.51	7.56	67.03	67.07	67.17	67.20	67.24
1100	7.39	7.44	7.48	7.54	7.59	67.08	67.14	67.18	67.23	67.30
1200	7.44	7.48	7.52	7.58	7.63	67.13	67.17	67.22	67.28	67.35
1300	7.48	7.53	7.57	7.63	7.68	67.20	67.25	67.30	67.33	67.37
1400	7.53	7.57	7.61	7.67	7.72	67.22	67.31	67.32	67.39	67.42
1500	7.56	7.61	7.65	7.71	7.76	67.27	67.37	67.39	67.47	67.50
1600	7.59	7.64	7.68	7.74	7.79	67.34	67.42	67.43	67.50	67.56
1700	7.61	7.66	7.69	7.75	7.81	67.39	67.44	67.46	67.54	67.58
1800	7.62	7.67	7.70	7.76	7.81	67.40	67.44	67.49	67.52	67.59
1900	7.62	7.67	7.70	7.76	7.81	67.42	67.45	67.45	67.58	67.61
2000	7.62	7.67	7.69	7.75	7.81	67.42	67.48	67.51	67.53	67.61
2100	7.62	7.68	7.70	7.76	7.82	67.47	67.50	67.49	67.54	67.64
2200	7.63	7.69	7.70	7.77	7.83	67.48	67.49	67.54	67.59	67.64
2300	7.65	7.71	7.72	7.78	7.84	67.51	67.54	67.56	67.62	67.68
2400	7.67	7.73	7.74	7.80	7.86	67.51	67.54	67.59	67.67	67.71
2500	7.69	7.74	7.75	7.82	7.88	67.56	67.59	67.65	67.69	67.74
2600	7.70	7.76	7.77	7.83	7.89	67.56	67.64	67.67	67.73	67.78
2700	7.71	7.76	7.77	7.84	7.90	67.62	67.67	67.68	67.75	67.79
2800	7.70	7.76	7.77	7.83	7.89	67.61	67.68	67.73	67.78	67.84
2900	7.69	7.74	7.76	7.82	7.88	67.65	67.72	67.72	67.81	67.87
3000	7.67	7.72	7.74	7.80	7.86	67.67	67.73	67.73	67.81	67.88
3100	7.64	7.70	7.71	7.77	7.83	67.73	67.75	67.78	67.85	67.89
3200	7.61	7.67	7.69	7.75	7.81	67.75	67.77	67.78	67.88	67.94
3300	7.58	7.64	7.66	7.72	7.78	67.73	67.76	67.82	67.86	67.94
3400	7.55	7.60	7.63	7.69	7.75	67.74	67.80	67.79	67.88	67.95
3500	7.52	7.57	7.60	7.66	7.72	67.75	67.84	67.85	67.89	67.97
3600	7.49	7.55	7.57	7.63	7.69	67.76	67.86	67.86	67.92	67.97
3700	7.47	7.52	7.55	7.61	7.67	67.84	67.89	67.92	67.94	68.03
3800	7.45	7.51	7.54	7.60	7.66	67.86	67.93	67.93	67.96	68.11
3900	7.45	7.50	7.53	7.59	7.65	67.91	67.95	68.01	68.01	68.11
4000	7.45	7.51	7.54	7.60	7.66	67.93	68.03	68.04	68.09	68.16
4100	7.47	7.53	7.55	7.61	7.67	68.00	68.09	68.07	68.15	68.18
4200	7.49	7.55	7.57	7.63	7.69	68.00	68.13	68.07	68.16	68.23
4300	7.51	7.57	7.58	7.65	7.71	68.06	68.13	68.10	68.17	68.28
4400	7.53	7.59	7.60	7.67	7.73	68.14	68.20	68.19	68.22	68.31
4500	7.56	7.62	7.63	7.69	7.76	68.17	68.24	68.20	68.27	68.36
4600	7.58	7.64	7.64	7.71	7.78	68.21	68.24	68.21	68.31	68.36
4700	7.59	7.66	7.65	7.72	7.79	68.20	68.29	68.22	68.31	68.36
4800	7.60	7.67	7.65	7.72	7.79	68.22	68.25	68.21	68.32	68.39
4900	7.60	7.67	7.65	7.72	7.79	68.22	68.31	68.25	68.33	68.43
5000	7.61	7.68	7.64	7.72	7.80	68.26	68.30	68.23	68.29	68.40
5100	7.61	7.69	7.65	7.72	7.80	68.32	68.35	68.22	68.34	68.43
5200	7.63	7.70	7.66	7.74	7.81	68.35	68.37	68.26	68.39	68.50
5300	7.65	7.72	7.67	7.75	7.83	68.35	68.43	68.35	68.46	68.54
5400	7.68	7.76	7.70	7.78	7.86	68.45	68.47	68.39	68.52	68.57
5500	7.71	7.79	7.73	7.81	7.89	68.54	68.59	68.52	68.56	68.64
5600	7.75	7.83	7.76	7.85	7.93	68.60	68.66	68.60	68.70	68.76
5700	7.78	7.87	7.80	7.88	7.97	68.64	68.71	68.64	68.73	68.87
5800	7.82	7.90	7.83	7.91	8.00	68.67	68.79	68.71	68.77	68.86
5900	7.85	7.93	7.85	7.94	8.03	68.74	68.80	68.74	68.83	68.92
6000	7.87	7.95	7.88	7.96	8.05	68.75	68.89	68.83	68.82	68.92

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 25°C

Freq. (MHz)	Attenuation relative to Insertion Loss @ Fine resolution (0.05 dB)				
	100.4	100.45	100.5	100.55	100.6
200	100.49	100.54	100.64	100.66	100.72
300	99.82	99.86	99.95	99.98	100.04
400	99.33	99.36	99.44	99.47	99.52
500	99.09	99.12	99.21	99.26	99.32
600	99.03	99.07	99.15	99.19	99.23
700	99.11	99.13	99.21	99.25	99.30
800	99.19	99.24	99.32	99.37	99.40
900	99.33	99.37	99.44	99.48	99.54
1000	99.46	99.47	99.56	99.61	99.64
1100	99.55	99.61	99.68	99.73	99.75
1200	99.67	99.70	99.79	99.84	99.90
1300	99.82	99.86	99.92	99.95	99.99
1400	99.93	99.97	100.02	100.08	100.12
1500	100.04	100.11	100.16	100.21	100.29
1600	100.14	100.20	100.25	100.29	100.36
1700	100.15	100.21	100.28	100.32	100.37
1800	100.20	100.28	100.31	100.37	100.44
1900	100.23	100.29	100.32	100.38	100.42
2000	100.27	100.34	100.38	100.43	100.47
2100	100.33	100.41	100.45	100.50	100.57
2200	100.45	100.49	100.52	100.58	100.63
2300	100.43	100.50	100.52	100.58	100.64
2400	100.47	100.56	100.58	100.64	100.66
2500	100.59	100.65	100.71	100.74	100.78
2600	100.69	100.75	100.76	100.82	100.91
2700	100.77	100.83	100.85	100.91	101.02
2800	100.88	100.94	100.91	100.97	101.06
2900	100.92	100.99	100.96	101.07	101.12
3000	100.97	101.01	101.02	101.09	101.13
3100	101.05	101.08	101.09	101.15	101.23
3200	101.03	101.13	101.07	101.17	101.26
3300	101.02	101.08	101.05	101.12	101.19
3400	101.00	101.08	101.04	101.11	101.17
3500	100.97	101.05	100.99	101.12	101.17
3600	101.07	101.14	101.10	101.19	101.31
3700	101.38	101.42	101.39	101.47	101.53
3800	101.49	101.56	101.53	101.66	101.68
3900	101.65	101.78	101.68	101.75	101.83
4000	101.85	101.96	101.90	102.00	102.06
4100	101.95	102.06	102.06	102.17	102.17
4200	102.14	102.19	102.18	102.24	102.28
4300	102.16	102.18	102.19	102.30	102.34
4400	102.13	102.25	102.18	102.29	102.33
4500	102.12	102.18	102.16	102.23	102.30
4600	102.08	102.19	102.11	102.19	102.26
4700	102.09	102.18	102.13	102.18	102.30
4800	102.07	102.19	102.11	102.16	102.25
4900	102.14	102.23	102.14	102.25	102.29
5000	102.20	102.30	102.21	102.31	102.38
5100	102.35	102.46	102.32	102.45	102.50
5200	102.32	102.41	102.35	102.40	102.48
5300	102.08	102.15	102.06	102.12	102.12
5400	101.86	101.87	101.84	101.87	101.94
5500	101.98	102.02	101.93	102.01	102.04
5600	101.93	101.98	101.93	102.01	102.06
5700	101.92	102.01	101.91	102.04	102.06
5800	102.00	102.02	101.92	102.03	102.09
5900	102.01	102.05	101.98	102.05	102.12
6000	101.92	102.03	101.89	101.96	102.06

Freq. (MHz)	I. Loss (dB)
200	4.18
300	4.28
400	4.42
500	4.59
600	4.76
700	4.92
800	5.07
900	5.20
1000	5.30
1100	5.38
1200	5.45
1300	5.50
1400	5.55
1500	5.61
1600	5.69
1700	5.80
1800	5.93
1900	6.08
2000	6.21
2100	6.30
2200	6.36
2300	6.40
2400	6.45
2500	6.51
2600	6.58
2700	6.66
2800	6.74
2900	6.84
3000	6.96
3100	7.09
3200	7.22
3300	7.33
3400	7.43
3500	7.52
3600	7.62
3700	7.72
3800	7.83
3900	7.92
4000	7.99
4100	8.04
4200	8.11
4300	8.18
4400	8.26
4500	8.35
4600	8.43
4700	8.53
4800	8.64
4900	8.78
5000	8.92
5100	9.05
5200	9.18
5300	9.27
5400	9.35
5500	9.45
5600	9.56
5700	9.70
5800	9.85
5900	10.02
6000	10.20

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 25°C

Freq. (MHz)	Input VSWR (:1)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	1.70	1.30	1.24	1.11	1.24	1.11	1.11	1.09	1.11	1.11	1.11	1.09	1.09
300	1.54	1.22	1.20	1.07	1.23	1.08	1.09	1.06	1.09	1.09	1.09	1.09	1.06
400	1.41	1.19	1.19	1.07	1.23	1.08	1.09	1.05	1.09	1.09	1.09	1.09	1.05
500	1.28	1.18	1.20	1.07	1.23	1.07	1.08	1.04	1.08	1.08	1.08	1.08	1.04
600	1.16	1.19	1.20	1.08	1.23	1.07	1.08	1.03	1.08	1.08	1.08	1.08	1.03
700	1.04	1.22	1.22	1.09	1.23	1.07	1.08	1.03	1.08	1.08	1.08	1.08	1.03
800	1.04	1.26	1.24	1.10	1.23	1.06	1.08	1.03	1.08	1.08	1.08	1.08	1.03
900	1.14	1.29	1.26	1.10	1.23	1.06	1.08	1.03	1.08	1.08	1.08	1.08	1.03
1000	1.23	1.33	1.29	1.10	1.23	1.06	1.08	1.03	1.08	1.08	1.08	1.08	1.03
1100	1.31	1.36	1.30	1.10	1.22	1.06	1.07	1.03	1.07	1.07	1.07	1.07	1.03
1200	1.37	1.38	1.32	1.09	1.21	1.05	1.07	1.03	1.07	1.07	1.07	1.07	1.03
1300	1.42	1.39	1.32	1.09	1.21	1.05	1.07	1.04	1.07	1.07	1.07	1.07	1.04
1400	1.44	1.39	1.32	1.08	1.20	1.05	1.07	1.04	1.07	1.07	1.07	1.07	1.04
1500	1.45	1.38	1.31	1.07	1.19	1.04	1.06	1.04	1.06	1.06	1.06	1.06	1.04
1600	1.44	1.36	1.31	1.06	1.18	1.04	1.06	1.04	1.06	1.06	1.06	1.06	1.04
1700	1.43	1.34	1.29	1.05	1.17	1.04	1.06	1.04	1.06	1.06	1.06	1.06	1.04
1800	1.41	1.32	1.28	1.05	1.17	1.04	1.06	1.04	1.06	1.06	1.06	1.06	1.04
1900	1.41	1.31	1.27	1.04	1.16	1.03	1.06	1.04	1.06	1.06	1.06	1.06	1.04
2000	1.41	1.30	1.26	1.04	1.16	1.03	1.05	1.04	1.05	1.05	1.05	1.05	1.04
2100	1.43	1.31	1.27	1.04	1.15	1.02	1.05	1.03	1.05	1.05	1.05	1.05	1.03
2200	1.46	1.32	1.27	1.03	1.15	1.02	1.04	1.03	1.04	1.04	1.04	1.04	1.03
2300	1.49	1.33	1.27	1.03	1.14	1.01	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2400	1.52	1.34	1.28	1.04	1.14	1.01	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2500	1.53	1.35	1.28	1.04	1.14	1.00	1.02	1.03	1.02	1.02	1.02	1.02	1.03
2600	1.54	1.36	1.29	1.04	1.14	1.00	1.02	1.03	1.02	1.02	1.02	1.02	1.03
2700	1.53	1.37	1.29	1.05	1.14	1.01	1.02	1.03	1.02	1.02	1.02	1.02	1.03
2800	1.51	1.36	1.29	1.06	1.14	1.01	1.02	1.03	1.02	1.02	1.02	1.02	1.03
2900	1.47	1.36	1.28	1.07	1.14	1.01	1.01	1.03	1.01	1.01	1.01	1.01	1.03
3000	1.42	1.34	1.28	1.07	1.14	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3100	1.36	1.32	1.26	1.08	1.14	1.02	1.02	1.03	1.01	1.01	1.01	1.01	1.03
3200	1.30	1.30	1.25	1.08	1.13	1.02	1.02	1.03	1.01	1.01	1.01	1.01	1.03
3300	1.23	1.27	1.23	1.09	1.13	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3400	1.17	1.24	1.21	1.09	1.13	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3500	1.12	1.21	1.19	1.09	1.13	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3600	1.07	1.18	1.18	1.09	1.13	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3700	1.05	1.14	1.16	1.08	1.12	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3800	1.06	1.11	1.15	1.07	1.12	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03
3900	1.09	1.07	1.14	1.06	1.12	1.02	1.03	1.02	1.03	1.03	1.03	1.03	1.02
4000	1.12	1.04	1.13	1.05	1.12	1.02	1.03	1.02	1.03	1.03	1.03	1.03	1.02
4100	1.15	1.04	1.13	1.04	1.12	1.02	1.03	1.02	1.03	1.03	1.03	1.03	1.02
4200	1.17	1.06	1.13	1.03	1.13	1.02	1.04	1.01	1.04	1.04	1.04	1.04	1.01
4300	1.17	1.10	1.13	1.03	1.13	1.02	1.04	1.01	1.04	1.04	1.04	1.04	1.01
4400	1.17	1.13	1.14	1.03	1.13	1.02	1.04	1.01	1.04	1.04	1.04	1.04	1.01
4500	1.17	1.17	1.16	1.04	1.14	1.02	1.05	1.01	1.05	1.05	1.05	1.05	1.01
4600	1.16	1.21	1.17	1.05	1.15	1.03	1.05	1.02	1.05	1.05	1.05	1.05	1.02
4700	1.16	1.25	1.19	1.06	1.16	1.03	1.06	1.02	1.06	1.06	1.06	1.06	1.02
4800	1.16	1.29	1.21	1.08	1.17	1.04	1.07	1.03	1.07	1.07	1.07	1.07	1.03
4900	1.17	1.32	1.23	1.08	1.18	1.05	1.08	1.04	1.07	1.07	1.07	1.07	1.04
5000	1.19	1.34	1.24	1.09	1.19	1.05	1.08	1.04	1.08	1.08	1.08	1.08	1.04
5100	1.21	1.35	1.25	1.09	1.20	1.06	1.09	1.06	1.09	1.09	1.09	1.09	1.06
5200	1.22	1.35	1.25	1.09	1.20	1.07	1.10	1.07	1.10	1.10	1.10	1.10	1.07
5300	1.21	1.34	1.25	1.08	1.20	1.08	1.11	1.08	1.11	1.11	1.11	1.11	1.08
5400	1.20	1.32	1.23	1.06	1.20	1.09	1.13	1.09	1.13	1.13	1.13	1.13	1.09
5500	1.17	1.29	1.21	1.04	1.20	1.10	1.14	1.10	1.14	1.14	1.14	1.14	1.10
5600	1.14	1.26	1.18	1.03	1.20	1.11	1.15	1.12	1.15	1.15	1.15	1.15	1.12
5700	1.11	1.23	1.15	1.02	1.19	1.12	1.16	1.13	1.17	1.17	1.17	1.17	1.13
5800	1.09	1.22	1.12	1.05	1.19	1.13	1.18	1.15	1.18	1.18	1.18	1.18	1.15
5900	1.09	1.23	1.11	1.08	1.18	1.14	1.19	1.16	1.19	1.19	1.19	1.19	1.16
6000	1.12	1.26	1.11	1.12	1.18	1.16	1.21	1.18	1.21	1.21	1.21	1.21	1.18

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-Circuit's 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/MCStore/terms.jsp



Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 25°C

Freq. (MHz)	Output VSWR (:1)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	1.70	1.41	1.23	1.22	1.19	1.09	1.09	1.13	1.12	1.09	1.09	1.10	1.08
300	1.55	1.33	1.19	1.19	1.17	1.06	1.06	1.11	1.09	1.06	1.06	1.08	1.05
400	1.43	1.29	1.17	1.18	1.17	1.05	1.06	1.10	1.09	1.05	1.05	1.07	1.03
500	1.30	1.26	1.16	1.18	1.17	1.04	1.05	1.10	1.09	1.05	1.05	1.06	1.03
600	1.19	1.25	1.16	1.18	1.17	1.04	1.05	1.09	1.08	1.05	1.05	1.06	1.03
700	1.10	1.25	1.16	1.18	1.17	1.05	1.06	1.09	1.09	1.05	1.05	1.06	1.03
800	1.08	1.25	1.16	1.18	1.17	1.05	1.06	1.09	1.08	1.06	1.06	1.06	1.03
900	1.15	1.27	1.17	1.18	1.16	1.05	1.06	1.09	1.08	1.06	1.06	1.06	1.04
1000	1.23	1.29	1.17	1.18	1.16	1.05	1.06	1.09	1.08	1.06	1.06	1.06	1.04
1100	1.31	1.31	1.18	1.18	1.16	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.05
1200	1.37	1.33	1.19	1.17	1.15	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.05
1300	1.41	1.34	1.20	1.16	1.15	1.06	1.06	1.09	1.07	1.07	1.07	1.06	1.05
1400	1.43	1.33	1.20	1.15	1.14	1.06	1.06	1.08	1.07	1.07	1.07	1.06	1.06
1500	1.42	1.32	1.19	1.15	1.13	1.06	1.06	1.08	1.07	1.07	1.07	1.05	1.06
1600	1.41	1.31	1.19	1.14	1.13	1.06	1.07	1.08	1.07	1.07	1.07	1.06	1.06
1700	1.37	1.28	1.18	1.13	1.12	1.06	1.07	1.08	1.06	1.08	1.08	1.06	1.07
1800	1.34	1.26	1.17	1.12	1.12	1.07	1.07	1.08	1.06	1.08	1.08	1.05	1.07
1900	1.31	1.25	1.16	1.11	1.12	1.07	1.07	1.07	1.06	1.08	1.08	1.05	1.07
2000	1.29	1.24	1.15	1.11	1.11	1.06	1.07	1.07	1.06	1.08	1.08	1.05	1.07
2100	1.29	1.24	1.15	1.10	1.10	1.06	1.06	1.06	1.05	1.07	1.07	1.04	1.07
2200	1.29	1.24	1.15	1.10	1.10	1.06	1.06	1.06	1.04	1.07	1.07	1.04	1.06
2300	1.31	1.25	1.14	1.10	1.09	1.05	1.05	1.06	1.04	1.06	1.06	1.03	1.06
2400	1.33	1.26	1.15	1.10	1.09	1.05	1.05	1.05	1.03	1.06	1.06	1.03	1.06
2500	1.34	1.27	1.15	1.10	1.08	1.05	1.05	1.05	1.03	1.06	1.06	1.03	1.06
2600	1.35	1.27	1.15	1.10	1.08	1.05	1.05	1.05	1.02	1.06	1.06	1.03	1.06
2700	1.35	1.28	1.16	1.10	1.08	1.05	1.04	1.05	1.02	1.06	1.06	1.02	1.06
2800	1.34	1.28	1.16	1.10	1.08	1.05	1.04	1.05	1.01	1.05	1.05	1.02	1.06
2900	1.32	1.27	1.15	1.11	1.08	1.05	1.04	1.05	1.01	1.05	1.05	1.02	1.06
3000	1.29	1.27	1.15	1.12	1.08	1.05	1.03	1.05	1.02	1.05	1.05	1.03	1.06
3100	1.26	1.26	1.14	1.12	1.08	1.04	1.03	1.05	1.02	1.04	1.04	1.03	1.05
3200	1.22	1.24	1.13	1.12	1.09	1.04	1.03	1.05	1.02	1.04	1.04	1.03	1.05
3300	1.20	1.23	1.13	1.13	1.09	1.04	1.03	1.05	1.03	1.04	1.04	1.03	1.05
3400	1.17	1.21	1.12	1.12	1.09	1.04	1.03	1.05	1.03	1.04	1.04	1.03	1.05
3500	1.16	1.20	1.11	1.13	1.09	1.04	1.03	1.06	1.03	1.04	1.04	1.04	1.04
3600	1.15	1.18	1.11	1.13	1.09	1.04	1.03	1.06	1.03	1.04	1.04	1.04	1.04
3700	1.15	1.17	1.10	1.12	1.09	1.03	1.03	1.06	1.04	1.03	1.03	1.04	1.04
3800	1.16	1.16	1.10	1.12	1.09	1.03	1.03	1.06	1.04	1.03	1.03	1.04	1.03
3900	1.19	1.14	1.10	1.12	1.10	1.03	1.03	1.06	1.04	1.03	1.03	1.04	1.03
4000	1.21	1.13	1.09	1.11	1.10	1.03	1.04	1.06	1.05	1.04	1.04	1.04	1.03
4100	1.23	1.13	1.09	1.11	1.10	1.03	1.04	1.06	1.05	1.04	1.04	1.04	1.03
4200	1.23	1.14	1.10	1.11	1.11	1.04	1.05	1.06	1.06	1.05	1.05	1.05	1.04
4300	1.22	1.16	1.10	1.11	1.11	1.05	1.06	1.07	1.06	1.06	1.06	1.05	1.04
4400	1.20	1.17	1.11	1.11	1.12	1.05	1.07	1.07	1.07	1.07	1.07	1.05	1.05
4500	1.17	1.19	1.13	1.11	1.13	1.07	1.09	1.08	1.08	1.08	1.08	1.06	1.06
4600	1.14	1.20	1.13	1.12	1.13	1.08	1.10	1.08	1.08	1.09	1.09	1.06	1.07
4700	1.12	1.22	1.15	1.12	1.14	1.08	1.10	1.08	1.08	1.10	1.10	1.06	1.08
4800	1.12	1.24	1.16	1.13	1.15	1.10	1.12	1.09	1.09	1.11	1.11	1.07	1.09
4900	1.13	1.25	1.18	1.13	1.16	1.11	1.13	1.10	1.10	1.12	1.12	1.08	1.10
5000	1.16	1.25	1.19	1.13	1.17	1.12	1.14	1.11	1.11	1.13	1.14	1.09	1.11
5100	1.18	1.26	1.20	1.13	1.18	1.13	1.16	1.13	1.13	1.15	1.15	1.11	1.13
5200	1.19	1.24	1.21	1.13	1.18	1.15	1.18	1.14	1.14	1.17	1.17	1.12	1.15
5300	1.19	1.22	1.21	1.12	1.19	1.16	1.19	1.15	1.15	1.18	1.18	1.13	1.16
5400	1.17	1.19	1.21	1.11	1.20	1.18	1.21	1.16	1.16	1.20	1.20	1.15	1.18
5500	1.14	1.16	1.21	1.10	1.20	1.19	1.22	1.18	1.18	1.22	1.22	1.16	1.20
5600	1.11	1.16	1.20	1.09	1.21	1.21	1.24	1.19	1.19	1.23	1.23	1.17	1.21
5700	1.09	1.17	1.20	1.09	1.22	1.22	1.26	1.21	1.21	1.25	1.25	1.19	1.23
5800	1.09	1.19	1.19	1.10	1.22	1.24	1.27	1.22	1.22	1.26	1.26	1.20	1.25
5900	1.11	1.23	1.20	1.12	1.22	1.25	1.28	1.23	1.24	1.28	1.28	1.22	1.26
6000	1.15	1.28	1.22	1.15	1.23	1.26	1.30	1.25	1.25	1.30	1.30	1.24	1.28

Notes

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- 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/MCStore/terms.jsp



Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 50°C

Freq. (MHz)	Attenuation relative to Insertion Loss (dB)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	0.27	5.11	10.15	20.32	40.21	59.18	79.06	89.13	99.81	103.54	107.66	112.05	115.93
300	0.26	5.07	10.10	20.29	40.09	59.23	78.90	88.94	99.11	103.03	107.14	111.51	115.21
400	0.26	5.03	10.04	20.23	39.96	59.16	78.65	88.69	98.61	102.55	106.65	111.00	114.71
500	0.26	4.97	9.98	20.15	39.83	59.01	78.42	88.45	98.36	102.32	106.46	110.77	114.55
600	0.26	4.92	9.92	20.08	39.73	58.86	78.26	88.30	98.30	102.26	106.40	110.74	114.64
700	0.25	4.87	9.87	20.00	39.65	58.80	78.22	88.28	98.40	102.43	106.52	110.80	114.85
800	0.25	4.84	9.84	19.94	39.59	58.80	78.26	88.31	98.46	102.59	106.76	111.05	115.04
900	0.25	4.81	9.82	19.89	39.56	58.85	78.35	88.38	98.62	102.79	106.93	111.32	115.47
1000	0.26	4.81	9.83	19.87	39.56	58.94	78.48	88.52	98.71	103.06	107.23	111.61	115.69
1100	0.26	4.82	9.86	19.88	39.57	59.02	78.58	88.61	98.76	103.24	107.40	111.83	116.02
1200	0.26	4.84	9.90	19.90	39.61	59.10	78.69	88.72	98.96	103.37	107.56	111.85	116.28
1300	0.26	4.87	9.95	19.94	39.66	59.17	78.79	88.81	99.08	103.56	107.71	112.08	116.47
1400	0.26	4.90	9.99	19.98	39.71	59.18	78.82	88.85	99.17	103.63	107.84	112.19	116.57
1500	0.27	4.93	10.03	20.02	39.76	59.19	78.84	88.89	99.26	103.71	107.95	112.39	116.71
1600	0.27	4.96	10.06	20.06	39.81	59.22	78.90	88.94	99.39	103.79	108.03	112.41	116.88
1700	0.27	4.98	10.08	20.08	39.83	59.28	78.97	89.02	99.45	103.92	108.10	112.64	116.93
1800	0.27	4.99	10.09	20.10	39.85	59.34	79.05	89.11	99.45	104.00	108.22	112.64	117.08
1900	0.26	4.99	10.10	20.11	39.86	59.41	79.14	89.20	99.49	104.06	108.28	112.64	116.87
2000	0.26	5.00	10.10	20.12	39.87	59.46	79.21	89.29	99.55	104.16	108.43	112.82	117.07
2100	0.26	5.00	10.10	20.13	39.88	59.46	79.23	89.32	99.64	104.19	108.45	112.90	117.20
2200	0.26	5.00	10.11	20.14	39.89	59.44	79.23	89.33	99.65	104.25	108.52	112.83	117.15
2300	0.26	5.01	10.12	20.15	39.91	59.44	79.24	89.35	99.68	104.29	108.44	112.96	117.17
2400	0.26	5.02	10.13	20.16	39.93	59.48	79.30	89.42	99.72	104.40	108.59	113.08	117.64
2500	0.26	5.02	10.14	20.17	39.95	59.53	79.37	89.50	99.85	104.52	108.80	113.39	117.76
2600	0.26	5.02	10.16	20.18	39.97	59.59	79.44	89.59	99.97	104.66	108.97	113.52	118.20
2700	0.26	5.02	10.16	20.19	39.98	59.64	79.50	89.64	100.00	104.75	109.06	113.68	118.20
2800	0.26	5.01	10.15	20.17	39.98	59.64	79.53	89.69	100.09	104.80	109.05	113.69	118.29
2900	0.26	5.00	10.13	20.15	39.97	59.63	79.53	89.69	100.17	104.87	109.13	113.69	118.43
3000	0.26	4.99	10.11	20.13	39.95	59.61	79.53	89.69	100.18	104.86	109.19	113.90	118.36
3100	0.26	4.98	10.09	20.11	39.94	59.61	79.53	89.68	100.14	104.94	109.15	113.83	118.34
3200	0.26	4.98	10.08	20.11	39.94	59.61	79.54	89.69	100.18	104.94	109.05	113.70	117.83
3300	0.26	4.99	10.07	20.10	39.94	59.63	79.57	89.71	100.26	104.89	109.08	113.52	117.59
3400	0.26	5.00	10.06	20.11	39.96	59.65	79.60	89.73	100.17	104.89	109.12	113.44	117.41
3500	0.26	5.01	10.06	20.13	39.97	59.66	79.62	89.76	100.22	104.90	108.99	113.51	117.58
3600	0.27	5.04	10.06	20.15	39.99	59.64	79.61	89.78	100.29	105.03	109.31	113.81	118.39
3700	0.27	5.06	10.06	20.18	40.02	59.64	79.62	89.85	100.58	105.30	109.74	114.67	119.74
3800	0.27	5.10	10.08	20.22	40.06	59.68	79.69	89.93	100.66	105.53	109.91	115.13	120.51
3900	0.27	5.14	10.10	20.27	40.10	59.73	79.76	90.01	100.91	105.71	110.27	115.68	121.34
4000	0.27	5.19	10.12	20.32	40.14	59.75	79.79	90.10	101.07	105.81	110.42	116.07	121.88
4100	0.28	5.24	10.15	20.38	40.19	59.76	79.82	90.17	101.20	106.03	110.62	116.36	122.25
4200	0.28	5.29	10.18	20.44	40.24	59.80	79.86	90.26	101.19	106.11	110.87	116.66	122.45
4300	0.28	5.34	10.21	20.50	40.29	59.85	79.93	90.34	101.26	106.18	110.84	116.45	121.79
4400	0.29	5.38	10.24	20.56	40.33	59.89	79.99	90.40	101.35	106.13	110.76	116.21	121.19
4500	0.30	5.43	10.27	20.61	40.37	59.92	80.03	90.45	101.41	106.04	110.53	115.89	120.73
4600	0.30	5.46	10.28	20.65	40.39	59.94	80.06	90.45	101.28	105.93	110.34	115.36	120.08
4700	0.30	5.47	10.29	20.68	40.41	59.95	80.08	90.49	101.33	105.93	110.29	115.50	120.37
4800	0.31	5.48	10.30	20.70	40.42	59.95	80.08	90.50	101.23	105.99	110.43	115.60	120.60
4900	0.31	5.48	10.30	20.72	40.44	59.96	80.10	90.52	101.37	106.13	110.59	116.03	120.72
5000	0.31	5.47	10.30	20.74	40.45	59.99	80.14	90.60	101.49	106.31	110.86	116.47	121.47
5100	0.31	5.47	10.31	20.75	40.47	60.02	80.18	90.65	101.58	106.35	110.64	116.28	120.63
5200	0.31	5.46	10.32	20.77	40.49	60.06	80.22	90.64	101.48	105.97	110.12	114.89	118.90
5300	0.31	5.46	10.35	20.79	40.53	60.13	80.28	90.60	101.14	105.67	109.73	113.98	118.10
5400	0.31	5.47	10.38	20.82	40.57	60.22	80.36	90.65	101.00	105.86	110.00	114.60	119.20
5500	0.32	5.48	10.42	20.85	40.62	60.30	80.44	90.71	101.16	105.92	110.07	114.94	119.41
5600	0.32	5.50	10.47	20.88	40.66	60.38	80.51	90.74	101.13	106.04	110.05	114.81	119.51
5700	0.32	5.52	10.52	20.90	40.70	60.47	80.58	90.79	101.10	106.20	110.31	115.05	119.82
5800	0.33	5.56	10.57	20.91	40.72	60.54	80.63	90.83	101.10	106.21	110.48	115.42	119.92
5900	0.34	5.61	10.63	20.91	40.73	60.58	80.64	90.81	101.36	106.23	110.43	115.41	120.11
6000	0.35	5.65	10.67	20.89	40.72	60.60	80.64	90.77	101.23	106.18	110.31	115.30	120.26

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 50°C

Freq. (MHz)	Attenuation relative to Insertion Loss @ Fine resolution (0.05 dB)									
	7.4 dB	7.45 dB	7.5 dB	7.55 dB	7.6 dB	67.4 dB	67.45	67.5 dB	67.55	67.6 dB
200	7.57	7.62	7.67	7.72	7.77	67.30	67.31	67.42	67.45	67.51
300	7.53	7.58	7.63	7.68	7.73	67.16	67.20	67.30	67.34	67.38
400	7.47	7.52	7.57	7.62	7.67	67.04	67.08	67.17	67.19	67.25
500	7.42	7.46	7.52	7.57	7.61	66.93	66.96	67.05	67.09	67.14
600	7.37	7.41	7.47	7.52	7.57	66.83	66.87	66.96	67.01	67.07
700	7.33	7.38	7.43	7.48	7.53	66.78	66.81	66.91	66.95	67.00
800	7.31	7.36	7.41	7.46	7.51	66.75	66.79	66.88	66.92	66.96
900	7.31	7.36	7.41	7.46	7.51	66.73	66.76	66.87	66.90	66.94
1000	7.33	7.37	7.42	7.47	7.53	66.76	66.80	66.88	66.92	66.97
1100	7.36	7.40	7.45	7.51	7.55	66.77	66.83	66.91	66.93	67.00
1200	7.40	7.44	7.50	7.55	7.60	66.81	66.88	66.94	66.99	67.05
1300	7.45	7.49	7.55	7.60	7.65	66.86	66.94	66.97	67.05	67.09
1400	7.49	7.54	7.59	7.64	7.69	66.96	67.00	67.06	67.13	67.15
1500	7.53	7.58	7.63	7.68	7.73	67.04	67.05	67.10	67.17	67.22
1600	7.56	7.61	7.66	7.71	7.76	67.10	67.13	67.16	67.24	67.27
1700	7.58	7.63	7.68	7.73	7.78	67.17	67.19	67.18	67.25	67.31
1800	7.59	7.64	7.68	7.74	7.79	67.18	67.20	67.23	67.30	67.36
1900	7.59	7.64	7.68	7.74	7.79	67.15	67.21	67.22	67.34	67.34
2000	7.59	7.64	7.68	7.74	7.79	67.16	67.22	67.26	67.32	67.34
2100	7.59	7.64	7.68	7.74	7.79	67.18	67.25	67.26	67.33	67.36
2200	7.60	7.66	7.69	7.75	7.80	67.20	67.26	67.30	67.36	67.38
2300	7.62	7.67	7.71	7.76	7.82	67.22	67.29	67.31	67.35	67.44
2400	7.64	7.70	7.72	7.78	7.84	67.22	67.29	67.34	67.39	67.47
2500	7.66	7.71	7.74	7.80	7.86	67.26	67.35	67.35	67.47	67.50
2600	7.67	7.73	7.75	7.81	7.87	67.34	67.38	67.43	67.50	67.52
2700	7.68	7.73	7.76	7.81	7.87	67.35	67.44	67.44	67.48	67.56
2800	7.67	7.72	7.75	7.81	7.86	67.36	67.42	67.42	67.51	67.53
2900	7.65	7.70	7.73	7.79	7.84	67.35	67.44	67.50	67.55	67.59
3000	7.63	7.68	7.71	7.77	7.82	67.40	67.46	67.47	67.57	67.60
3100	7.60	7.65	7.68	7.74	7.79	67.42	67.47	67.49	67.57	67.62
3200	7.56	7.62	7.65	7.71	7.76	67.42	67.46	67.48	67.55	67.64
3300	7.53	7.58	7.62	7.67	7.73	67.44	67.47	67.51	67.57	67.65
3400	7.49	7.54	7.59	7.64	7.69	67.46	67.48	67.53	67.58	67.64
3500	7.46	7.51	7.56	7.61	7.66	67.46	67.53	67.53	67.61	67.67
3600	7.43	7.48	7.53	7.58	7.63	67.48	67.56	67.54	67.65	67.65
3700	7.41	7.46	7.51	7.56	7.61	67.56	67.59	67.58	67.63	67.69
3800	7.40	7.45	7.49	7.55	7.60	67.56	67.59	67.60	67.72	67.79
3900	7.39	7.45	7.49	7.55	7.60	67.60	67.65	67.67	67.75	67.82
4000	7.40	7.45	7.50	7.55	7.61	67.62	67.71	67.71	67.78	67.85
4100	7.41	7.47	7.51	7.57	7.62	67.70	67.75	67.74	67.86	67.89
4200	7.43	7.49	7.53	7.59	7.64	67.71	67.81	67.82	67.84	67.96
4300	7.46	7.51	7.55	7.61	7.67	67.77	67.83	67.83	67.85	67.95
4400	7.48	7.54	7.57	7.63	7.69	67.79	67.86	67.84	67.92	68.01
4500	7.51	7.57	7.59	7.66	7.72	67.87	67.90	67.89	67.94	68.04
4600	7.53	7.59	7.61	7.67	7.73	67.90	67.91	67.86	67.99	68.06
4700	7.54	7.60	7.61	7.68	7.74	67.87	67.99	67.93	68.01	68.06
4800	7.55	7.61	7.61	7.68	7.74	67.90	68.02	67.89	68.01	68.08
4900	7.55	7.61	7.61	7.68	7.74	67.90	68.01	67.96	67.98	68.09
5000	7.55	7.62	7.61	7.68	7.75	67.90	68.02	67.95	67.97	68.10
5100	7.56	7.63	7.61	7.68	7.75	67.96	68.06	68.00	68.03	68.17
5200	7.58	7.64	7.62	7.69	7.76	68.00	68.07	68.03	68.10	68.17
5300	7.60	7.67	7.64	7.71	7.79	68.05	68.16	68.10	68.13	68.21
5400	7.63	7.70	7.66	7.74	7.81	68.12	68.21	68.14	68.21	68.26
5500	7.66	7.73	7.69	7.77	7.84	68.20	68.27	68.21	68.28	68.34
5600	7.69	7.77	7.73	7.80	7.88	68.30	68.34	68.28	68.36	68.42
5700	7.73	7.80	7.76	7.83	7.91	68.38	68.43	68.36	68.43	68.49
5800	7.75	7.83	7.78	7.86	7.94	68.37	68.47	68.40	68.48	68.60
5900	7.78	7.86	7.81	7.89	7.97	68.46	68.48	68.43	68.49	68.56
6000	7.80	7.88	7.82	7.91	7.99	68.41	68.49	68.48	68.52	68.57

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 50°C

Freq. (MHz)	Attenuation relative to Insertion Loss @ Fine resolution (0.05 dB)				
	100.4	100.45	100.5	100.55	100.6
200	100.20	100.22	100.32	100.36	100.40
300	99.51	99.53	99.64	99.66	99.71
400	99.00	99.03	99.13	99.15	99.21
500	98.73	98.79	98.87	98.92	98.97
600	98.71	98.72	98.83	98.86	98.92
700	98.76	98.79	98.89	98.90	98.98
800	98.85	98.89	99.00	99.03	99.07
900	98.99	99.03	99.12	99.15	99.21
1000	99.11	99.17	99.25	99.30	99.33
1100	99.23	99.28	99.33	99.40	99.44
1200	99.33	99.38	99.47	99.51	99.55
1300	99.46	99.50	99.60	99.63	99.67
1400	99.57	99.63	99.69	99.77	99.78
1500	99.73	99.78	99.83	99.88	99.95
1600	99.81	99.86	99.92	99.95	100.02
1700	99.84	99.91	99.95	99.99	100.03
1800	99.85	99.95	99.97	100.02	100.08
1900	99.89	99.96	100.01	100.07	100.09
2000	99.97	100.00	100.08	100.11	100.18
2100	100.01	100.08	100.11	100.17	100.23
2200	100.09	100.18	100.19	100.25	100.29
2300	100.10	100.15	100.23	100.27	100.31
2400	100.14	100.20	100.23	100.31	100.37
2500	100.25	100.30	100.35	100.41	100.48
2600	100.38	100.42	100.45	100.54	100.58
2700	100.44	100.49	100.50	100.58	100.65
2800	100.54	100.57	100.58	100.62	100.71
2900	100.57	100.64	100.67	100.73	100.79
3000	100.61	100.67	100.68	100.75	100.80
3100	100.65	100.73	100.75	100.79	100.85
3200	100.67	100.72	100.77	100.79	100.87
3300	100.66	100.72	100.75	100.75	100.81
3400	100.64	100.70	100.71	100.77	100.85
3500	100.62	100.66	100.66	100.74	100.79
3600	100.78	100.86	100.83	100.89	100.97
3700	101.03	101.06	101.05	101.12	101.20
3800	101.10	101.17	101.15	101.18	101.27
3900	101.26	101.32	101.32	101.39	101.47
4000	101.47	101.55	101.54	101.64	101.69
4100	101.58	101.64	101.61	101.70	101.79
4200	101.74	101.77	101.76	101.83	101.89
4300	101.74	101.82	101.83	101.86	101.96
4400	101.79	101.85	101.86	101.90	101.96
4500	101.75	101.83	101.81	101.87	101.98
4600	101.73	101.80	101.74	101.83	101.90
4700	101.71	101.78	101.72	101.84	101.85
4800	101.71	101.79	101.75	101.81	101.94
4900	101.76	101.89	101.82	101.90	101.97
5000	101.81	101.95	101.87	101.95	102.04
5100	102.04	102.09	102.05	102.07	102.16
5200	101.93	101.97	101.90	102.01	102.04
5300	101.53	101.59	101.55	101.63	101.70
5400	101.41	101.52	101.45	101.52	101.59
5500	101.57	101.58	101.57	101.65	101.74
5600	101.58	101.59	101.54	101.65	101.75
5700	101.52	101.59	101.58	101.63	101.72
5800	101.56	101.67	101.64	101.66	101.79
5900	101.68	101.67	101.64	101.68	101.76
6000	101.58	101.55	101.62	101.65	101.63

Freq. (MHz)	I. Loss (dB)
200	4.25
300	4.36
400	4.51
500	4.68
600	4.85
700	5.01
800	5.16
900	5.29
1000	5.40
1100	5.48
1200	5.54
1300	5.60
1400	5.65
1500	5.71
1600	5.78
1700	5.88
1800	6.00
1900	6.14
2000	6.26
2100	6.34
2200	6.41
2300	6.45
2400	6.50
2500	6.56
2600	6.63
2700	6.71
2800	6.81
2900	6.92
3000	7.05
3100	7.18
3200	7.29
3300	7.40
3400	7.50
3500	7.61
3600	7.71
3700	7.80
3800	7.89
3900	7.97
4000	8.05
4100	8.13
4200	8.21
4300	8.28
4400	8.36
4500	8.44
4600	8.54
4700	8.64
4800	8.75
4900	8.87
5000	8.99
5100	9.11
5200	9.23
5300	9.33
5400	9.43
5500	9.53
5600	9.64
5700	9.77
5800	9.91
5900	10.08
6000	10.27

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Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 50°C

Freq. (MHz)	Input VSWR (:1)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	1.73	1.34	1.26	1.11	1.24	1.11	1.11	1.09	1.11	1.11	1.11	1.09	1.09
300	1.57	1.26	1.22	1.08	1.23	1.08	1.09	1.06	1.09	1.09	1.09	1.06	1.06
400	1.43	1.22	1.21	1.07	1.24	1.08	1.09	1.05	1.09	1.09	1.09	1.05	1.05
500	1.30	1.20	1.21	1.07	1.24	1.07	1.09	1.04	1.09	1.09	1.09	1.04	1.04
600	1.17	1.20	1.21	1.08	1.24	1.07	1.08	1.04	1.08	1.08	1.08	1.04	1.04
700	1.05	1.22	1.23	1.09	1.25	1.07	1.09	1.03	1.09	1.09	1.09	1.03	1.03
800	1.04	1.25	1.24	1.10	1.24	1.07	1.08	1.03	1.08	1.08	1.08	1.03	1.03
900	1.13	1.29	1.27	1.10	1.24	1.06	1.08	1.03	1.08	1.08	1.08	1.03	1.03
1000	1.23	1.33	1.29	1.10	1.24	1.06	1.08	1.04	1.08	1.08	1.08	1.03	1.03
1100	1.32	1.36	1.31	1.10	1.23	1.06	1.08	1.04	1.08	1.08	1.08	1.04	1.04
1200	1.38	1.38	1.32	1.10	1.23	1.06	1.08	1.04	1.08	1.08	1.08	1.04	1.04
1300	1.43	1.40	1.34	1.09	1.22	1.06	1.07	1.04	1.07	1.07	1.07	1.04	1.04
1400	1.46	1.40	1.34	1.08	1.21	1.05	1.07	1.04	1.07	1.07	1.07	1.04	1.04
1500	1.47	1.39	1.33	1.08	1.20	1.05	1.07	1.04	1.07	1.07	1.07	1.04	1.04
1600	1.46	1.38	1.32	1.07	1.20	1.05	1.07	1.04	1.07	1.07	1.07	1.04	1.04
1700	1.44	1.36	1.31	1.06	1.18	1.04	1.06	1.04	1.06	1.06	1.06	1.04	1.04
1800	1.43	1.34	1.30	1.05	1.18	1.04	1.06	1.04	1.06	1.06	1.06	1.04	1.04
1900	1.43	1.34	1.29	1.05	1.17	1.04	1.06	1.04	1.06	1.06	1.06	1.04	1.04
2000	1.43	1.33	1.28	1.04	1.17	1.03	1.05	1.04	1.05	1.05	1.05	1.04	1.04
2100	1.45	1.34	1.29	1.04	1.16	1.03	1.05	1.03	1.05	1.05	1.05	1.03	1.03
2200	1.48	1.35	1.29	1.04	1.16	1.02	1.04	1.03	1.04	1.04	1.04	1.03	1.03
2300	1.51	1.36	1.29	1.04	1.15	1.01	1.04	1.03	1.04	1.04	1.04	1.03	1.03
2400	1.54	1.38	1.30	1.04	1.15	1.01	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2500	1.55	1.39	1.30	1.05	1.15	1.00	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2600	1.56	1.39	1.30	1.05	1.15	1.00	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2700	1.55	1.39	1.31	1.06	1.15	1.01	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2800	1.52	1.39	1.30	1.06	1.15	1.01	1.02	1.03	1.02	1.02	1.02	1.03	1.03
2900	1.48	1.37	1.30	1.07	1.15	1.01	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3000	1.42	1.35	1.29	1.08	1.15	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3100	1.36	1.33	1.27	1.08	1.15	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3200	1.29	1.30	1.25	1.08	1.14	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3300	1.23	1.27	1.23	1.09	1.14	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3400	1.16	1.23	1.21	1.08	1.14	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3500	1.11	1.20	1.19	1.08	1.14	1.02	1.02	1.03	1.02	1.02	1.02	1.03	1.03
3600	1.06	1.16	1.18	1.08	1.14	1.02	1.03	1.02	1.03	1.03	1.03	1.02	1.02
3700	1.05	1.12	1.16	1.07	1.13	1.02	1.03	1.02	1.03	1.03	1.03	1.02	1.02
3800	1.06	1.09	1.15	1.07	1.13	1.02	1.03	1.02	1.03	1.03	1.03	1.02	1.02
3900	1.10	1.05	1.14	1.05	1.13	1.02	1.03	1.02	1.03	1.03	1.03	1.02	1.02
4000	1.13	1.03	1.13	1.05	1.12	1.02	1.03	1.02	1.03	1.03	1.03	1.02	1.02
4100	1.15	1.03	1.13	1.04	1.13	1.02	1.03	1.01	1.03	1.03	1.03	1.01	1.01
4200	1.17	1.06	1.14	1.03	1.13	1.02	1.04	1.01	1.04	1.04	1.04	1.01	1.01
4300	1.17	1.10	1.14	1.03	1.13	1.02	1.04	1.01	1.04	1.04	1.04	1.01	1.01
4400	1.17	1.13	1.15	1.03	1.14	1.02	1.04	1.01	1.04	1.04	1.04	1.01	1.01
4500	1.17	1.17	1.16	1.04	1.15	1.03	1.05	1.01	1.05	1.05	1.05	1.01	1.01
4600	1.15	1.20	1.17	1.05	1.15	1.03	1.06	1.02	1.06	1.06	1.06	1.02	1.02
4700	1.15	1.24	1.19	1.06	1.16	1.03	1.06	1.02	1.06	1.06	1.06	1.02	1.02
4800	1.16	1.28	1.21	1.07	1.17	1.04	1.07	1.03	1.07	1.07	1.07	1.03	1.03
4900	1.17	1.30	1.22	1.08	1.18	1.05	1.08	1.04	1.08	1.08	1.08	1.04	1.04
5000	1.19	1.32	1.24	1.09	1.19	1.05	1.09	1.05	1.08	1.08	1.08	1.05	1.05
5100	1.20	1.33	1.24	1.09	1.19	1.06	1.10	1.06	1.10	1.10	1.10	1.06	1.06
5200	1.21	1.33	1.24	1.08	1.20	1.07	1.11	1.07	1.11	1.11	1.10	1.07	1.07
5300	1.20	1.32	1.24	1.07	1.20	1.08	1.12	1.08	1.12	1.12	1.12	1.08	1.08
5400	1.18	1.29	1.22	1.06	1.20	1.09	1.13	1.10	1.13	1.13	1.13	1.10	1.10
5500	1.16	1.26	1.19	1.04	1.20	1.10	1.14	1.11	1.14	1.14	1.14	1.11	1.11
5600	1.13	1.23	1.16	1.03	1.19	1.11	1.15	1.12	1.15	1.15	1.15	1.12	1.12
5700	1.10	1.21	1.13	1.03	1.19	1.12	1.17	1.14	1.17	1.17	1.17	1.14	1.14
5800	1.08	1.20	1.11	1.06	1.18	1.14	1.18	1.15	1.18	1.18	1.18	1.15	1.15
5900	1.09	1.22	1.10	1.09	1.17	1.15	1.19	1.17	1.19	1.19	1.19	1.17	1.17
6000	1.13	1.26	1.12	1.13	1.17	1.16	1.21	1.19	1.21	1.21	1.21	1.19	1.19

Notes

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- B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's 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/MCStore/terms.jsp



Programmable Attenuator

RCDAT-6G-120H

Typical Performance Data @ 50°C

Freq. (MHz)	Output VSWR (:1)												
	0.25 dB	5 dB	10 dB	20 dB	40 dB	60 dB	80 dB	90 dB	100 dB	105 dB	110 dB	115 dB	120 dB
200	1.73	1.44	1.24	1.22	1.19	1.09	1.09	1.13	1.11	1.09	1.09	1.10	1.08
300	1.58	1.37	1.21	1.20	1.18	1.06	1.07	1.11	1.09	1.07	1.07	1.08	1.05
400	1.45	1.33	1.19	1.19	1.18	1.05	1.06	1.10	1.09	1.05	1.05	1.07	1.03
500	1.32	1.29	1.18	1.19	1.18	1.04	1.06	1.10	1.09	1.05	1.05	1.06	1.03
600	1.21	1.26	1.17	1.19	1.18	1.04	1.05	1.10	1.09	1.05	1.05	1.06	1.03
700	1.11	1.25	1.17	1.19	1.18	1.04	1.06	1.10	1.09	1.05	1.05	1.06	1.03
800	1.09	1.26	1.17	1.19	1.18	1.05	1.06	1.10	1.09	1.06	1.06	1.06	1.03
900	1.16	1.27	1.17	1.19	1.17	1.05	1.06	1.10	1.09	1.06	1.06	1.06	1.03
1000	1.24	1.29	1.18	1.19	1.17	1.05	1.06	1.10	1.09	1.06	1.06	1.06	1.04
1100	1.31	1.31	1.19	1.18	1.17	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.04
1200	1.38	1.33	1.20	1.18	1.16	1.06	1.06	1.09	1.08	1.07	1.07	1.06	1.05
1300	1.42	1.34	1.20	1.17	1.16	1.06	1.07	1.09	1.08	1.07	1.07	1.06	1.05
1400	1.44	1.34	1.20	1.16	1.15	1.06	1.07	1.09	1.08	1.07	1.07	1.06	1.06
1500	1.44	1.33	1.20	1.16	1.15	1.06	1.07	1.09	1.07	1.07	1.07	1.06	1.06
1600	1.42	1.32	1.20	1.15	1.14	1.07	1.07	1.09	1.07	1.08	1.08	1.06	1.07
1700	1.39	1.29	1.19	1.14	1.13	1.07	1.07	1.09	1.07	1.08	1.08	1.06	1.07
1800	1.35	1.28	1.18	1.13	1.13	1.07	1.07	1.08	1.07	1.08	1.08	1.06	1.07
1900	1.32	1.26	1.18	1.12	1.12	1.07	1.07	1.08	1.07	1.08	1.08	1.06	1.07
2000	1.30	1.26	1.17	1.11	1.12	1.07	1.07	1.07	1.06	1.08	1.08	1.05	1.07
2100	1.30	1.26	1.16	1.11	1.11	1.06	1.07	1.07	1.05	1.08	1.08	1.05	1.07
2200	1.31	1.27	1.16	1.11	1.11	1.06	1.06	1.06	1.05	1.07	1.07	1.04	1.07
2300	1.32	1.27	1.16	1.10	1.10	1.06	1.06	1.06	1.04	1.07	1.07	1.04	1.07
2400	1.35	1.29	1.16	1.10	1.10	1.05	1.05	1.05	1.03	1.07	1.07	1.03	1.06
2500	1.36	1.30	1.16	1.10	1.09	1.05	1.05	1.05	1.03	1.06	1.06	1.03	1.06
2600	1.37	1.30	1.16	1.11	1.09	1.05	1.05	1.05	1.02	1.06	1.06	1.02	1.06
2700	1.37	1.31	1.16	1.11	1.08	1.05	1.05	1.05	1.02	1.06	1.06	1.02	1.06
2800	1.36	1.30	1.16	1.11	1.08	1.05	1.04	1.05	1.01	1.06	1.06	1.02	1.06
2900	1.33	1.30	1.16	1.12	1.08	1.05	1.04	1.05	1.01	1.05	1.05	1.02	1.06
3000	1.30	1.29	1.15	1.12	1.09	1.05	1.04	1.05	1.02	1.05	1.05	1.02	1.06
3100	1.26	1.27	1.15	1.12	1.09	1.05	1.04	1.05	1.02	1.05	1.05	1.03	1.05
3200	1.23	1.25	1.14	1.13	1.09	1.04	1.03	1.05	1.02	1.05	1.05	1.03	1.05
3300	1.20	1.24	1.13	1.13	1.10	1.04	1.03	1.06	1.03	1.04	1.04	1.03	1.05
3400	1.18	1.22	1.13	1.13	1.10	1.04	1.03	1.06	1.03	1.04	1.04	1.03	1.04
3500	1.16	1.20	1.12	1.13	1.10	1.03	1.03	1.06	1.04	1.04	1.04	1.04	1.04
3600	1.15	1.19	1.11	1.13	1.10	1.03	1.03	1.06	1.04	1.03	1.03	1.04	1.03
3700	1.15	1.17	1.11	1.13	1.10	1.03	1.03	1.06	1.04	1.03	1.03	1.04	1.03
3800	1.17	1.15	1.10	1.13	1.10	1.03	1.03	1.06	1.05	1.03	1.03	1.04	1.03
3900	1.20	1.13	1.10	1.12	1.10	1.03	1.04	1.06	1.05	1.03	1.03	1.04	1.03
4000	1.22	1.12	1.10	1.11	1.10	1.03	1.04	1.06	1.05	1.04	1.04	1.04	1.03
4100	1.23	1.12	1.09	1.11	1.11	1.04	1.05	1.06	1.05	1.04	1.04	1.04	1.03
4200	1.23	1.13	1.10	1.10	1.11	1.04	1.06	1.06	1.06	1.05	1.05	1.04	1.04
4300	1.22	1.15	1.10	1.10	1.11	1.05	1.06	1.07	1.06	1.06	1.06	1.05	1.04
4400	1.20	1.16	1.11	1.11	1.12	1.05	1.07	1.07	1.07	1.07	1.07	1.05	1.05
4500	1.17	1.18	1.12	1.11	1.13	1.07	1.09	1.08	1.08	1.08	1.08	1.06	1.06
4600	1.13	1.19	1.13	1.12	1.13	1.08	1.10	1.08	1.08	1.09	1.09	1.06	1.07
4700	1.12	1.21	1.15	1.12	1.14	1.09	1.11	1.09	1.09	1.10	1.10	1.07	1.08
4800	1.12	1.23	1.17	1.13	1.15	1.10	1.12	1.10	1.10	1.12	1.12	1.08	1.10
4900	1.14	1.23	1.18	1.13	1.16	1.12	1.14	1.11	1.11	1.13	1.13	1.09	1.11
5000	1.16	1.24	1.19	1.13	1.17	1.13	1.15	1.12	1.12	1.14	1.14	1.10	1.12
5100	1.18	1.24	1.20	1.13	1.18	1.14	1.16	1.13	1.13	1.16	1.16	1.11	1.14
5200	1.18	1.22	1.20	1.12	1.18	1.15	1.18	1.14	1.14	1.17	1.17	1.12	1.15
5300	1.17	1.20	1.20	1.11	1.19	1.16	1.19	1.15	1.15	1.19	1.18	1.13	1.17
5400	1.16	1.17	1.20	1.10	1.19	1.18	1.21	1.16	1.16	1.20	1.20	1.14	1.18
5500	1.13	1.15	1.20	1.09	1.20	1.19	1.22	1.18	1.18	1.22	1.22	1.16	1.20
5600	1.10	1.14	1.19	1.09	1.21	1.21	1.24	1.19	1.20	1.24	1.24	1.18	1.22
5700	1.08	1.16	1.19	1.09	1.21	1.23	1.26	1.21	1.21	1.25	1.25	1.20	1.24
5800	1.09	1.19	1.19	1.10	1.22	1.24	1.27	1.22	1.23	1.27	1.27	1.21	1.25
5900	1.11	1.23	1.20	1.13	1.22	1.25	1.29	1.23	1.24	1.28	1.28	1.22	1.27
6000	1.16	1.28	1.22	1.15	1.22	1.27	1.30	1.25	1.25	1.30	1.30	1.24	1.28

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