

Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Attenuation relative to Insertion Loss (dB)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	0.28	5.00	9.90	14.89	19.86	24.79	29.74
5	0.28	5.00	9.90	14.89	19.86	24.79	29.74
10	0.28	5.00	9.90	14.89	19.86	24.80	29.74
20	0.28	5.00	9.90	14.90	19.86	24.80	29.74
50	0.28	5.00	9.90	14.89	19.86	24.79	29.74
100	0.28	5.00	9.91	14.90	19.86	24.80	29.74
200	0.28	5.00	9.91	14.90	19.86	24.80	29.75
500	0.28	5.02	9.92	14.92	19.89	24.82	29.77
750	0.28	5.02	9.93	14.92	19.89	24.83	29.78
1000	0.28	5.02	9.93	14.92	19.90	24.84	29.80
1500	0.28	5.02	9.94	14.93	19.93	24.88	29.85
2000	0.27	5.04	9.97	14.97	20.00	24.97	29.96
2500	0.28	5.07	10.02	15.04	20.12	25.11	30.12
3000	0.28	5.06	10.04	15.05	20.20	25.23	30.27
3500	0.27	5.02	10.01	15.02	20.25	25.31	30.39
4000	0.27	5.04	10.05	15.07	20.35	25.45	30.58
4500	0.27	5.09	10.12	15.17	20.50	25.64	30.81
5000	0.29	5.17	10.25	15.34	20.77	25.93	31.13
5500	0.31	5.21	10.36	15.44	21.05	26.21	31.42
6000	0.31	5.04	10.19	15.23	21.01	26.15	31.38
6500	0.30	5.08	10.24	15.29	21.09	26.20	31.48
7000	0.31	5.24	10.40	15.53	21.23	26.26	31.58
7500	0.31	5.28	10.46	15.64	21.27	26.19	31.45
8000	0.34	5.31	10.55	15.70	21.35	26.11	31.19

FREQUENCY (MHz)	Attenuation accuracy relative to nominal attenuation setting (dB)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	-0.03	0.00	0.10	0.11	0.14	0.21	0.26
5	-0.03	0.00	0.10	0.11	0.14	0.21	0.26
10	-0.03	0.00	0.10	0.11	0.14	0.20	0.26
20	-0.03	0.00	0.10	0.10	0.14	0.20	0.26
50	-0.03	0.00	0.10	0.11	0.14	0.21	0.26
100	-0.03	0.00	0.10	0.10	0.14	0.20	0.26
200	-0.03	0.00	0.09	0.10	0.14	0.20	0.25
500	-0.03	-0.02	0.08	0.08	0.11	0.18	0.23
750	-0.03	-0.02	0.07	0.08	0.11	0.17	0.22
1000	-0.03	-0.02	0.07	0.08	0.10	0.16	0.20
1500	-0.03	-0.02	0.06	0.07	0.07	0.12	0.15
2000	-0.02	-0.04	0.03	0.03	0.00	0.03	0.04
2500	-0.03	-0.07	-0.02	-0.04	-0.11	-0.11	-0.12
3000	-0.03	-0.06	-0.03	-0.05	-0.20	-0.23	-0.27
3500	-0.02	-0.02	-0.01	-0.02	-0.25	-0.31	-0.39
4000	-0.02	-0.04	-0.05	-0.07	-0.35	-0.45	-0.58
4500	-0.02	-0.09	-0.12	-0.17	-0.50	-0.64	-0.81
5000	-0.04	-0.17	-0.25	-0.34	-0.77	-0.92	-1.13
5500	-0.06	-0.20	-0.36	-0.44	-1.05	-1.21	-1.42
6000	-0.06	-0.04	-0.19	-0.23	-1.01	-1.15	-1.38
6500	-0.05	-0.08	-0.23	-0.29	-1.09	-1.20	-1.48
7000	-0.06	-0.24	-0.40	-0.53	-1.23	-1.26	-1.58
7500	-0.06	-0.28	-0.46	-0.64	-1.27	-1.19	-1.45
8000	-0.09	-0.31	-0.55	-0.69	-1.35	-1.11	-1.19

Notes

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Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 0°C

FREQUENCY (MHz)	Input VSWR (:1)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	1.23	1.13	1.12	1.08	1.02	1.02	1.02
5	1.22	1.12	1.11	1.08	1.01	1.02	1.01
10	1.22	1.12	1.11	1.07	1.01	1.01	1.01
20	1.22	1.12	1.11	1.07	1.00	1.01	1.00
50	1.22	1.13	1.12	1.08	1.00	1.00	1.00
100	1.23	1.13	1.12	1.08	1.01	1.01	1.01
200	1.23	1.13	1.12	1.08	1.02	1.02	1.02
500	1.22	1.11	1.10	1.06	1.03	1.03	1.03
750	1.19	1.09	1.07	1.04	1.03	1.04	1.03
1000	1.17	1.07	1.06	1.02	1.05	1.05	1.05
1500	1.16	1.06	1.06	1.02	1.07	1.07	1.07
2000	1.16	1.07	1.06	1.03	1.09	1.08	1.10
2500	1.19	1.07	1.07	1.04	1.12	1.10	1.12
3000	1.24	1.12	1.12	1.09	1.18	1.15	1.18
3500	1.27	1.17	1.17	1.13	1.21	1.17	1.21
4000	1.17	1.14	1.13	1.11	1.15	1.11	1.14
4500	1.11	1.10	1.05	1.06	1.06	1.03	1.06
5000	1.02	1.09	1.13	1.15	1.22	1.20	1.22
5500	1.36	1.27	1.34	1.33	1.51	1.45	1.51
6000	1.79	1.52	1.53	1.47	1.73	1.63	1.72
6500	1.67	1.55	1.56	1.51	1.74	1.64	1.74
7000	1.32	1.37	1.32	1.33	1.37	1.33	1.37
7500	1.19	1.23	1.17	1.21	1.09	1.08	1.09
8000	1.25	1.26	1.34	1.33	1.49	1.42	1.49

FREQUENCY (MHz)	Output VSWR (:1)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	1.23	1.07	1.03	1.03	1.02	1.03	1.04
5	1.23	1.06	1.02	1.03	1.01	1.02	1.03
10	1.22	1.06	1.02	1.02	1.01	1.02	1.03
20	1.22	1.06	1.01	1.02	1.01	1.02	1.02
50	1.22	1.06	1.02	1.02	1.01	1.02	1.02
100	1.23	1.07	1.02	1.01	1.02	1.03	1.01
200	1.23	1.07	1.03	1.02	1.02	1.03	1.03
500	1.22	1.05	1.03	1.04	1.02	1.02	1.05
750	1.21	1.04	1.02	1.05	1.02	1.01	1.05
1000	1.18	1.02	1.03	1.06	1.04	1.03	1.06
1500	1.16	1.03	1.05	1.07	1.07	1.06	1.08
2000	1.18	1.06	1.07	1.07	1.09	1.10	1.08
2500	1.23	1.10	1.10	1.09	1.12	1.13	1.10
3000	1.34	1.17	1.14	1.11	1.15	1.17	1.11
3500	1.35	1.20	1.17	1.12	1.16	1.19	1.12
4000	1.23	1.14	1.12	1.09	1.10	1.14	1.08
4500	1.11	1.04	1.01	1.03	1.03	1.05	1.03
5000	1.08	1.11	1.15	1.16	1.22	1.22	1.17
5500	1.50	1.39	1.39	1.36	1.45	1.50	1.37
6000	2.00	1.70	1.62	1.54	1.60	1.70	1.54
6500	1.81	1.66	1.63	1.56	1.54	1.64	1.55
7000	1.26	1.34	1.34	1.35	1.27	1.29	1.35
7500	1.09	1.10	1.10	1.14	1.14	1.08	1.14
8000	1.36	1.30	1.32	1.27	1.36	1.46	1.28

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Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 0°C

FREQUENCY (MHz)	IP3 (dBm)	Insertion Loss @P _{IN} =0 dBm (dB)	Insertion Loss @P _{IN} =+28 dBm (dB)
10	49.6	1.09	1.00
20	50.3	1.00	0.89
50	50.9	0.84	0.78
100	52.7	1.05	0.95
200	55.2	1.22	1.16
500	56.8	0.98	0.87
1000	55.9	1.29	1.17
2000	55.6	1.42	1.41
3000	55.2	2.30	2.29
4000	55.7	2.76	2.83
5000	51.9	3.20	3.28
6000	43.9	3.94	4.19
7000	49.9	3.94	4.02
8000	49.2	4.14	4.39

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Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 25°C

FREQUENCY (MHz)	Attenuation relative to Insertion Loss (dB)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	0.28	4.97	9.86	14.83	19.81	24.73	29.67
5	0.28	4.97	9.86	14.83	19.81	24.73	29.67
10	0.28	4.97	9.86	14.83	19.81	24.73	29.67
20	0.28	4.97	9.86	14.83	19.81	24.74	29.67
50	0.28	4.97	9.86	14.83	19.81	24.74	29.67
100	0.28	4.97	9.87	14.84	19.82	24.74	29.68
200	0.28	4.97	9.87	14.84	19.82	24.75	29.68
500	0.28	4.98	9.88	14.85	19.83	24.76	29.69
750	0.28	4.98	9.88	14.85	19.84	24.77	29.71
1000	0.27	4.98	9.88	14.85	19.85	24.78	29.72
1500	0.27	4.99	9.89	14.87	19.89	24.82	29.78
2000	0.27	5.00	9.93	14.91	19.96	24.92	29.90
2500	0.27	5.03	9.97	14.97	20.07	25.05	30.06
3000	0.27	5.02	9.99	14.98	20.17	25.18	30.21
3500	0.27	4.99	9.97	14.96	20.23	25.27	30.34
4000	0.27	5.02	10.02	15.02	20.34	25.43	30.56
4500	0.27	5.06	10.08	15.12	20.49	25.62	30.80
5000	0.28	5.15	10.22	15.29	20.78	25.93	31.14
5500	0.31	5.16	10.29	15.35	21.04	26.21	31.40
6000	0.30	5.00	10.13	15.14	21.01	26.17	31.38
6500	0.30	5.08	10.24	15.27	21.16	26.30	31.58
7000	0.30	5.23	10.38	15.50	21.31	26.38	31.71
7500	0.31	5.27	10.43	15.60	21.35	26.32	31.58
8000	0.34	5.29	10.51	15.65	21.44	26.24	31.33

FREQUENCY (MHz)	Attenuation accuracy relative to nominal attenuation setting (dB)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	-0.03	0.03	0.14	0.17	0.19	0.27	0.33
5	-0.03	0.03	0.14	0.17	0.19	0.27	0.33
10	-0.03	0.03	0.14	0.17	0.19	0.27	0.33
20	-0.03	0.03	0.14	0.17	0.19	0.26	0.33
50	-0.03	0.03	0.14	0.17	0.19	0.26	0.33
100	-0.03	0.03	0.13	0.16	0.18	0.26	0.32
200	-0.03	0.03	0.13	0.16	0.18	0.25	0.32
500	-0.03	0.02	0.13	0.15	0.17	0.24	0.31
750	-0.03	0.02	0.12	0.15	0.16	0.23	0.29
1000	-0.02	0.02	0.12	0.15	0.15	0.22	0.28
1500	-0.02	0.01	0.11	0.13	0.11	0.18	0.22
2000	-0.02	0.00	0.07	0.09	0.04	0.08	0.10
2500	-0.02	-0.03	0.03	0.03	-0.07	-0.05	-0.06
3000	-0.02	-0.02	0.01	0.02	-0.17	-0.18	-0.21
3500	-0.02	0.01	0.03	0.04	-0.23	-0.27	-0.34
4000	-0.02	-0.02	-0.02	-0.02	-0.34	-0.43	-0.56
4500	-0.02	-0.06	-0.08	-0.12	-0.49	-0.62	-0.80
5000	-0.03	-0.15	-0.22	-0.29	-0.78	-0.93	-1.14
5500	-0.06	-0.16	-0.29	-0.35	-1.04	-1.21	-1.40
6000	-0.05	0.00	-0.13	-0.14	-1.01	-1.17	-1.38
6500	-0.05	-0.08	-0.24	-0.27	-1.16	-1.30	-1.58
7000	-0.05	-0.23	-0.38	-0.50	-1.31	-1.38	-1.71
7500	-0.06	-0.27	-0.43	-0.60	-1.35	-1.32	-1.58
8000	-0.09	-0.29	-0.51	-0.65	-1.44	-1.24	-1.33

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Typical Performance Data @ 25°C

FREQUENCY (MHz)	Input VSWR (:1)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	1.24	1.16	1.16	1.12	1.05	1.04	1.05
5	1.24	1.16	1.16	1.12	1.05	1.04	1.05
10	1.24	1.16	1.16	1.12	1.05	1.04	1.05
20	1.23	1.16	1.16	1.12	1.04	1.03	1.04
50	1.24	1.16	1.16	1.12	1.05	1.04	1.04
100	1.24	1.16	1.16	1.12	1.05	1.04	1.05
200	1.24	1.16	1.16	1.12	1.05	1.04	1.04
500	1.23	1.14	1.14	1.10	1.03	1.03	1.03
750	1.20	1.12	1.12	1.08	1.01	1.01	1.01
1000	1.18	1.11	1.10	1.07	1.01	1.01	1.01
1500	1.16	1.09	1.09	1.06	1.05	1.03	1.05
2000	1.17	1.10	1.09	1.06	1.08	1.05	1.08
2500	1.19	1.10	1.10	1.06	1.11	1.09	1.11
3000	1.26	1.14	1.15	1.11	1.17	1.14	1.17
3500	1.28	1.19	1.20	1.16	1.22	1.17	1.22
4000	1.17	1.16	1.17	1.15	1.17	1.13	1.17
4500	1.15	1.14	1.08	1.10	1.04	1.02	1.04
5000	1.02	1.09	1.12	1.14	1.20	1.18	1.20
5500	1.39	1.28	1.35	1.33	1.50	1.43	1.50
6000	1.79	1.54	1.56	1.49	1.73	1.63	1.73
6500	1.63	1.54	1.57	1.51	1.73	1.63	1.73
7000	1.32	1.37	1.34	1.35	1.41	1.36	1.41
7500	1.19	1.23	1.17	1.21	1.10	1.10	1.10
8000	1.23	1.24	1.32	1.31	1.45	1.38	1.45

FREQUENCY (MHz)	Output VSWR (:1)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	1.24	1.09	1.06	1.03	1.06	1.07	1.03
5	1.24	1.09	1.06	1.03	1.05	1.06	1.02
10	1.24	1.09	1.05	1.02	1.05	1.06	1.02
20	1.24	1.09	1.05	1.02	1.05	1.06	1.02
50	1.24	1.09	1.05	1.02	1.05	1.06	1.02
100	1.24	1.09	1.05	1.03	1.05	1.06	1.02
200	1.24	1.09	1.06	1.03	1.05	1.06	1.03
500	1.24	1.09	1.05	1.03	1.04	1.05	1.03
750	1.22	1.07	1.04	1.03	1.03	1.04	1.03
1000	1.19	1.05	1.02	1.02	1.01	1.02	1.02
1500	1.17	1.04	1.02	1.03	1.04	1.05	1.03
2000	1.18	1.07	1.06	1.05	1.08	1.09	1.05
2500	1.25	1.11	1.10	1.07	1.11	1.14	1.07
3000	1.35	1.18	1.15	1.11	1.16	1.19	1.11
3500	1.37	1.22	1.18	1.14	1.17	1.21	1.13
4000	1.23	1.16	1.15	1.12	1.12	1.17	1.12
4500	1.10	1.07	1.05	1.07	1.02	1.04	1.07
5000	1.07	1.10	1.14	1.15	1.21	1.21	1.16
5500	1.54	1.39	1.39	1.34	1.44	1.50	1.35
6000	2.00	1.69	1.62	1.52	1.59	1.71	1.52
6500	1.76	1.64	1.61	1.54	1.52	1.64	1.53
7000	1.25	1.34	1.35	1.36	1.27	1.31	1.35
7500	1.07	1.09	1.09	1.13	1.12	1.08	1.13
8000	1.33	1.26	1.27	1.21	1.31	1.42	1.22

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Typical Performance Data @ 25°C

FREQUENCY (MHz)	IP3 (dBm)	Insertion Loss @P _{IN} =0 dBm (dB)	Insertion Loss @P _{IN} =+28 dBm (dB)
10	49.6	1.27	1.16
20	50.3	1.17	1.05
50	50.9	1.01	0.91
100	52.7	1.21	1.11
200	55.2	1.36	1.28
500	56.8	1.14	1.02
1000	55.9	1.45	1.35
2000	55.6	1.67	1.69
3000	55.2	2.49	2.45
4000	55.7	2.95	3.03
5000	51.9	3.27	3.34
6000	43.9	4.00	4.24
7000	49.9	3.91	3.97
8000	49.2	4.13	4.39

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Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Attenuation relative to Insertion Loss (dB)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	0.28	5.00	9.90	14.89	19.86	24.79	29.74
5	0.28	5.00	9.90	14.89	19.86	24.79	29.74
10	0.28	5.00	9.90	14.89	19.86	24.80	29.74
20	0.28	5.00	9.90	14.90	19.86	24.80	29.74
50	0.28	5.00	9.90	14.89	19.86	24.79	29.74
100	0.28	5.00	9.91	14.90	19.86	24.80	29.74
200	0.28	5.00	9.91	14.90	19.86	24.80	29.75
500	0.28	5.02	9.92	14.92	19.89	24.82	29.77
750	0.28	5.02	9.93	14.92	19.89	24.83	29.78
1000	0.28	5.02	9.93	14.92	19.90	24.84	29.80
1500	0.28	5.02	9.94	14.93	19.93	24.88	29.85
2000	0.27	5.04	9.97	14.97	20.00	24.97	29.96
2500	0.28	5.07	10.02	15.04	20.12	25.11	30.12
3000	0.28	5.06	10.04	15.05	20.20	25.23	30.27
3500	0.27	5.02	10.01	15.02	20.25	25.31	30.39
4000	0.27	5.04	10.05	15.07	20.35	25.45	30.58
4500	0.27	5.09	10.12	15.17	20.50	25.64	30.81
5000	0.29	5.17	10.25	15.34	20.77	25.93	31.13
5500	0.31	5.21	10.36	15.44	21.05	26.21	31.42
6000	0.31	5.04	10.19	15.23	21.01	26.15	31.38
6500	0.30	5.08	10.24	15.29	21.09	26.20	31.48
7000	0.31	5.24	10.40	15.53	21.23	26.26	31.58
7500	0.31	5.28	10.46	15.64	21.27	26.19	31.45
8000	0.34	5.31	10.55	15.70	21.35	26.11	31.19

FREQUENCY (MHz)	Attenuation accuracy relative to nominal attenuation setting (dB)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	-0.03	0.00	0.10	0.11	0.14	0.21	0.26
5	-0.03	0.00	0.10	0.11	0.14	0.21	0.26
10	-0.03	0.00	0.10	0.11	0.14	0.20	0.26
20	-0.03	0.00	0.10	0.10	0.14	0.20	0.26
50	-0.03	0.00	0.10	0.11	0.14	0.21	0.26
100	-0.03	0.00	0.10	0.10	0.14	0.20	0.26
200	-0.03	0.00	0.09	0.10	0.14	0.20	0.25
500	-0.03	-0.02	0.08	0.08	0.11	0.18	0.23
750	-0.03	-0.02	0.07	0.08	0.11	0.17	0.22
1000	-0.03	-0.02	0.07	0.08	0.10	0.16	0.20
1500	-0.03	-0.02	0.06	0.07	0.07	0.12	0.15
2000	-0.02	-0.04	0.03	0.03	0.00	0.03	0.04
2500	-0.03	-0.07	-0.02	-0.04	-0.11	-0.11	-0.12
3000	-0.03	-0.06	-0.03	-0.05	-0.20	-0.23	-0.27
3500	-0.02	-0.02	-0.01	-0.02	-0.25	-0.31	-0.39
4000	-0.02	-0.04	-0.05	-0.07	-0.35	-0.45	-0.58
4500	-0.02	-0.09	-0.12	-0.17	-0.50	-0.64	-0.81
5000	-0.04	-0.17	-0.25	-0.34	-0.77	-0.92	-1.13
5500	-0.06	-0.20	-0.36	-0.44	-1.05	-1.21	-1.42
6000	-0.06	-0.04	-0.19	-0.23	-1.01	-1.15	-1.38
6500	-0.05	-0.08	-0.23	-0.29	-1.09	-1.20	-1.48
7000	-0.06	-0.24	-0.40	-0.53	-1.23	-1.26	-1.58
7500	-0.06	-0.28	-0.46	-0.64	-1.27	-1.19	-1.45
8000	-0.09	-0.31	-0.55	-0.69	-1.35	-1.11	-1.19

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Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 50°C

FREQUENCY (MHz)	Input VSWR (:1)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	1.23	1.13	1.12	1.08	1.02	1.02	1.02
5	1.22	1.12	1.11	1.08	1.01	1.02	1.01
10	1.22	1.12	1.11	1.07	1.01	1.01	1.01
20	1.22	1.12	1.11	1.07	1.00	1.01	1.00
50	1.22	1.13	1.12	1.08	1.00	1.00	1.00
100	1.23	1.13	1.12	1.08	1.01	1.01	1.01
200	1.23	1.13	1.12	1.08	1.02	1.02	1.02
500	1.22	1.11	1.10	1.06	1.03	1.03	1.03
750	1.19	1.09	1.07	1.04	1.03	1.04	1.03
1000	1.17	1.07	1.06	1.02	1.05	1.05	1.05
1500	1.16	1.06	1.06	1.02	1.07	1.07	1.07
2000	1.16	1.07	1.06	1.03	1.09	1.08	1.10
2500	1.19	1.07	1.07	1.04	1.12	1.10	1.12
3000	1.24	1.12	1.12	1.09	1.18	1.15	1.18
3500	1.27	1.17	1.17	1.13	1.21	1.17	1.21
4000	1.17	1.14	1.13	1.11	1.15	1.11	1.14
4500	1.11	1.10	1.05	1.06	1.06	1.03	1.06
5000	1.02	1.09	1.13	1.15	1.22	1.20	1.22
5500	1.36	1.27	1.34	1.33	1.51	1.45	1.51
6000	1.79	1.52	1.53	1.47	1.73	1.63	1.72
6500	1.67	1.55	1.56	1.51	1.74	1.64	1.74
7000	1.32	1.37	1.32	1.33	1.37	1.33	1.37
7500	1.19	1.23	1.17	1.21	1.09	1.08	1.09
8000	1.25	1.26	1.34	1.33	1.49	1.42	1.49

FREQUENCY (MHz)	Output VSWR (:1)						
	0.25 dB	5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
1	1.23	1.07	1.03	1.03	1.02	1.03	1.04
5	1.23	1.06	1.02	1.03	1.01	1.02	1.03
10	1.22	1.06	1.02	1.02	1.01	1.02	1.03
20	1.22	1.06	1.01	1.02	1.01	1.02	1.02
50	1.22	1.06	1.02	1.02	1.01	1.02	1.02
100	1.23	1.07	1.02	1.01	1.02	1.03	1.01
200	1.23	1.07	1.03	1.02	1.02	1.03	1.03
500	1.22	1.05	1.03	1.04	1.02	1.02	1.05
750	1.21	1.04	1.02	1.05	1.02	1.01	1.05
1000	1.18	1.02	1.03	1.06	1.04	1.03	1.06
1500	1.16	1.03	1.05	1.07	1.07	1.06	1.08
2000	1.18	1.06	1.07	1.07	1.09	1.10	1.08
2500	1.23	1.10	1.10	1.09	1.12	1.13	1.10
3000	1.34	1.17	1.14	1.11	1.15	1.17	1.11
3500	1.35	1.20	1.17	1.12	1.16	1.19	1.12
4000	1.23	1.14	1.12	1.09	1.10	1.14	1.08
4500	1.11	1.04	1.01	1.03	1.03	1.05	1.03
5000	1.08	1.11	1.15	1.16	1.22	1.22	1.17
5500	1.50	1.39	1.39	1.36	1.45	1.50	1.37
6000	2.00	1.70	1.62	1.54	1.60	1.70	1.54
6500	1.81	1.66	1.63	1.56	1.54	1.64	1.55
7000	1.26	1.34	1.34	1.35	1.27	1.29	1.35
7500	1.09	1.10	1.10	1.14	1.14	1.08	1.14
8000	1.36	1.30	1.32	1.27	1.36	1.46	1.28

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Programmable Attenuator RCDAT-8000-30

Typical Performance Data @ 50°C

FREQUENCY (MHz)	IP3 (dBm)	Insertion Loss @P _{IN} =0 dBm (dB)	Insertion Loss @P _{IN} =+28 dBm (dB)
10	49.6	1.09	1.00
20	50.3	1.00	0.89
50	50.9	0.84	0.78
100	52.7	1.05	0.95
200	55.2	1.22	1.16
500	56.8	0.98	0.87
1000	55.9	1.29	1.17
2000	55.6	1.42	1.41
3000	55.2	2.30	2.29
4000	55.7	2.76	2.83
5000	51.9	3.20	3.28
6000	43.9	3.94	4.19
7000	49.9	3.94	4.02
8000	49.2	4.14	4.39

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