Attenuator/Switch RAS-1+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB) at 20mA Control Current	AMP. UNBAL. (dB) at ± 20mA Control Current	PHASE UNBAL. (deg.) at ± 20mA Control Current	ISOLATION at 0 mA Control Current (dB)		RETURN LOSS (dB)
				In-Out	In-Con	Input
2.0	1.67	0.01	179.9	78	54	18.1
7.0	1.16	0.00	180.0	68	43	15.4
10.0	1.16	0.00	180.0	66	40	27.6
21.9	1.16	0.00	180.0	58	33	31.0
39.8	1.19	0.00	180.1	53	28	31.9
59.7	1.23	0.00	180.1	50	25	32.1
61.7	1.23	0.00	180.1	50	25	32.1
81.6	1.24	0.00	180.2	47	22	32.2
99.5	1.27	0.00	180.2	46	21	32.3
121.4	1.31	0.01	180.3	44	19	32.4
141.3	1.32	0.01	180.4	42	18	32.4
181.1	1.37	0.01	180.6	39	16	32.2
200.0	1.40	0.01	180.6	39	15	32.0
220.9	1.39	0.01	180.8	38	15	31.6
240.8	1.39	0.01	180.9	36	14	30.3
280.6	1.52	0.05	181.1	35	13	26.6
300.5	1.52	0.04	181.1	35	14	24.8
340.3	1.56	0.03	181.4	33	13	21.4
360.2	1.64	0.06	181.6	32	13	19.8
400.0	1.78	0.09	181.7	31	14	17.1

CONTROL CURRENT (mA)	ATTENUATION (dB)			PHASE UNBALANCE REF AT 15 mA CONTROL (deg.)			INPUT VSWR (:1)		
	2 MHz	200 MHz	400 MHz	2 MHz	200 MHz	400 MHz	2 MHz	200 MHz	400 MHz
0.0000	72.7	39.0	30.6	27.2	-87.7	-95.3	7.7	7.2	4.4
0.0003	64.4	39.2	30.7	22.2	-86.0	-94.6	7.7	7.2	4.4
0.0005	56.5	39.0	30.8	28.6	-84.3	-93.7	7.6	7.2	4.4
0.0012	50.4	39.0	30.7	17.6	-80.5	-92.0	7.6	7.2	4.4
0.0019	47.8	39.0	30.7	14.1	-77.4	-90.3	7.5	7.2	4.4
0.0054	42.5	37.9	30.6	8.2	-56.2	-79.9	7.4	7.0	4.3
0.0100	38.4	35.8	30.1	7.6	-37.3	-67.6	7.2	6.9	4.3
0.0157	35.1	33.1	29.0	8.8	-25.3	-55.1	7.1	6.7	4.2
0.0284	30.6	28.7	26.3	8.8	-12.8	-37.6	6.7	6.3	4.0
0.0433	27.3	25.3	23.7	9.2	-7.2	-26.9	6.3	5.9	3.8
0.0722	23.2	21.2	20.0	9.3	-3.1	-17.7	5.6	5.3	3.5
0.1012	20.7	18.6	17.6	9.0	-1.4	-13.2	5.2	4.9	3.3
0.1898	16.1	14.1	13.3	8.2	0.4	-8.0	4.1	3.9	2.8
0.3008	13.1	11.2	10.6	7.4	0.9	-5.5	3.4	3.2	2.4
0.4259	10.9	9.2	8.8	6.7	1.1	-4.2	2.9	2.7	2.1
0.7017	8.3	6.9	6.6	5.4	1.1	-2.8	2.2	2.1	1.7
0.9968	6.8	5.6	5.4	4.4	0.9	-2.1	1.9	1.8	1.5
1.7486	4.8	3.9	4.0	3.0	0.7	-1.3	1.5	1.5	1.3
5.6920	2.5	2.1	2.3	0.9	0.2	-0.3	1.2	1.1	1.2
15.1258	1.8	1.5	1.8	0.0	0.0	0.1	1.3	1.1	1.3