



# SPECIFICATION SHEET

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Replacement Attenuators (Pads) for:

## Scientific Atlanta Gain Maker Style 1200 MHz Series Manufactured By Mainline

Part Number	Value (dB)	Insertion Loss @ MHz								Attenuation (dB)	Return Loss (dB)	Tilt (dB)
		5	150	350	450	550	750	870	1200			
MSAGMP-00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	+/-0.10
MSAGMP-0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	23	+/-0.10
MSAGMP-01	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	+/-0.10
MSAGMP-1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	23	+/-0.10
MSAGMP-02	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	23	+/-0.10
MSAGMP-2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	23	+/-0.10
MSAGMP-03	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	23	+/-0.10
MSAGMP-3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	23	+/-0.10
MSAGMP-04	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	23	+/-0.10
MSAGMP-4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	23	+/-0.15
MSAGMP-05	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	23	+/-0.15
MSAGMP-5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	23	+/-0.15
MSAGMP-06	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	23	+/-0.15
MSAGMP-6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	23	+/-0.15
MSAGMP-07	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	23	+/-0.15
MSAGMP-7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	23	+/-0.15
MSAGMP-08	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	23	+/-0.15
MSAGMP-8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	23	+/-0.15
MSAGMP-09	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	23	+/-0.15
MSAGMP-9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	22	+/-0.15
MSAGMP-10	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	22	+/-0.10
MSAGMP-10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	22	+/-0.10
MSAGMP-11	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	22	+/-0.10
MSAGMP-11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	22	+/-0.10
MSAGMP-12	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	22	+/-0.10
MSAGMP-12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	22	+/-0.15
MSAGMP-13	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	22	+/-0.15
MSAGMP-13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	22	+/-0.20
MSAGMP-14	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	22	+/-0.20
MSAGMP-14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	22	+/-0.25
MSAGMP-15	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	22	+/-0.25
MSAGMP-15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	20	+/-0.25
MSAGMP-16	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	20	+/-0.25
MSAGMP-16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	20	+/-0.25
MSAGMP-17	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	20	+/-0.25
MSAGMP-17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	20	+/-0.25
MSAGMP-18	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	20	+/-0.25
MSAGMP-18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	20	+/-0.25
MSAGMP-19	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	20	+/-0.25
MSAGMP-19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	18	+/-0.35
MSAGMP-20	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18	+/-0.35
MSAGMP-20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	18	+/-0.45
MSAGMP-75	75 ohm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A

Passband Flatness: +/-0.15 dB

Note: Measurements on individual attenuators (pads) may differ slightly from these values.

\*Main Line Equipment Inc. is a manufacturer of equivalent replacement Equalizers, Pads and Plug-ins. Main Line Equipment Inc. is not a sales agent for Augat, C-Cor, Motorola (GI), Scientific Atlanta, Antec (Texscan) or Alpha Power Supply.