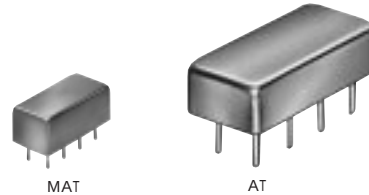


FIXED ATTENUATORS

50 & 75 Ω

Plug-In

1/2W, 1W 1 to 40 dB, DC to 2000 MHz



MODEL NO.	FREQ. RANGE MHz f_L - f_U	ATTENUATION dB FLATNESS, Max.				VSWR (:1) Max.			POWER W	CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)
		Nom.	L	M	U	L	M	U				
MAT-1	DC-1500	1 $\pm$ 0.2	0.3	0.4	0.5	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-2	DC-1500	2 $\pm$ 0.2	0.3	0.4	0.8	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-3	DC-1500	3 $\pm$ 0.2	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-4	DC-1500	4 $\pm$ 0.2	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-5	DC-1500	5 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-6	DC-1500	6 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7		A11	cr	4.45
MAT-7	DC-1500	7 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-8	DC-1500	8 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-9	DC-1500	9 $\pm$ 0.4	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-10	DC-1500	10 $\pm$ 0.4	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-12	DC-1500	12 $\pm$ 0.4	0.3	0.6	1.0	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-15	DC-1500	15 $\pm$ 0.4	0.4	0.7	1.1	1.3	1.5	1.7	0.5	A11	cr	4.45
MAT-20	DC-1500	20 $\pm$ 0.5	0.4	0.8	1.3	1.3	1.6	1.8	0.5	A11	cr	4.45
MAT-25	DC-1500	25 $\pm$ 0.5	0.4	0.8	1.3	1.3	1.6	1.8	0.5	A11	cr	4.45
MAT-30	DC-1000	30 $\pm$ 0.5	0.5	1.0	—	1.3	1.6	—	0.5	A11	cr	4.45
MAT-40	DC-500	40 $\pm$ 0.6	1.0	—	—	1.5	—	—	0.5	A11	cr	4.45
AT-1	DC-1500	1 $\pm$ 0.2	0.3	0.4	0.5	1.3	1.5	1.7	1	A04	cr	3.65
AT-2	DC-1500	2 $\pm$ 0.2	0.3	0.4	0.8	1.3	1.5	1.7	1	A04	cr	3.65
AT-3	DC-1500	3 $\pm$ 0.2	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
■ AT-3-75	DC-500	3 $\pm$ 0.2	0.9	—	—	2.0	—	—	1	A04	cr	3.65
AT-4	DC-1500	4 $\pm$ 0.2	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
AT-5	DC-1500	5 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
AT-6	DC-1500	6 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
■ AT-6-75	DC-500	6 $\pm$ 0.3	1.0	—	—	2.0	—	—	1	A04	cr	3.65
AT-7	DC-1500	7 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
AT-8	DC-1500	8 $\pm$ 0.3	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
AT-9	DC-1500	9 $\pm$ 0.4	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
AT-10	DC-1500	10 $\pm$ 0.4	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
■ AT-10-75	DC-500	10 $\pm$ 0.4	1.0	—	—	2.0	—	—	1	A04	cr	3.65
AT-12	DC-1500	12 $\pm$ 0.4	0.3	0.6	1.0	1.3	1.5	1.7	1	A04	cr	3.65
AT-15	DC-1500	15 $\pm$ 0.4	0.4	0.7	1.1	1.3	1.5	1.7	1	A04	cr	3.65
■ AT-15-75	DC-500	15 $\pm$ 0.4	0.8	—	—	1.5	—	—	1	A04	cr	3.65
AT-20	DC-1500	20 $\pm$ 0.5	0.4	0.8	1.3	1.3	1.6	1.8	1	A04	cr	3.65
■ AT-20-75	DC-500	20 $\pm$ 0.5	1.1	—	—	2.0	—	—	1	A04	cr	3.65
AT-30	DC-1000	30 $\pm$ 0.5	0.5	1.0	—	1.3	1.6	—	1	A04	cr	3.65
AT-40	DC-500	40 $\pm$ 0.6	1.0	—	—	1.5	—	—	1	A04	cr	3.65

L = DC-500 MHz

M = DC-1000 MHz

U = DC- f_U

NOTES:

- ◆ PAT models, aqueous washable
 - Non-hermetic
 - Denotes 75 ohm models.
 - * Attenuation Flatness over DC-2000 MHz: 0.75 dB typ.
 - ** VSWR over DC-2000 MHz: 1.45 (typ.)
 - A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in General Information (Section 0).
 - B. Connector types and case mounted options, case finishes are given in section 0, see "Case styles & outline drawings".
 - C. Prices and specifications subject to change without notice.
- For PAT models:
1. RF power at 25° C case temp.: 1 Watt.
 2. Attenuation and VSWR at 25° C case temp.

NSN GUIDE

MCL NO. NSN

AT-6	5985-01-275-0339	MAT-6	5985-01-295-0261
MAT-1	5985-01-265-8138	MAT-7	5985-01-326-6978
MAT-10	5985-01-294-4719	MAT-9	5985-01-332-4595
MAT-15	5985-01-294-4720	PAT-3	5985-01-460-6040
MAT-2	5985-01-336-3058	PAT-6	5985-01-460-6042
MAT-20	5985-01-294-4721	PAT-10	5985-01-460-6045
MAT-3	5985-01-274-6609	PAT-15	5985-01-460-6043
MAT-4	5985-01-326-6977		
MAT-5	5985-01-336-3720		



Distribution Centers NORTH AMERICA 800-654-7949 • 417 335-5935 • Fax 417-335-5945 • EUROPE 44-1252-832600 • Fax 44-1252-837010

INTERNET <http://www.minicircuits.com>

ISO 9001 CERTIFIED

010521