

Fixed Attenuators

1 to 40 dB

DC to 1500 MHz

case style selection

outline drawings see Table of Contents



MODEL NO.	FREQUENCY RANGE, MHz	ATTENUATION dB				VSWR max.			DISTRIBUTOR		
		Nom.	L	M	U	L	M	U	FACTORY	LOCAL	
MAT case A11	MAT-1	DC-1500	1±0.2	0.3	0.4	0.5	1.3	1.5	1.7	•	•
	MAT-2	DC-1500	2±0.2	0.3	0.4	0.8	1.3	1.5	1.7	•	•
	MAT-3	DC-1500	3±0.2	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-4	DC-1500	4±0.2	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-5	DC-1500	5±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-6	DC-1500	6±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-7	DC-1500	7±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-8	DC-1500	8±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-9	DC-1500	9±0.4	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	MAT-10	DC-1500	10±0.4	0.3	0.6	1.0	1.3	1.5	1.7	•	•
MAT-12	DC-1500	12±0.4	0.3	0.6	1.0	1.3	1.5	1.7	•	•	
MAT-15	DC-1500	15±0.4	0.4	0.7	1.1	1.3	1.5	1.7	•	•	
MAT-20	DC-1500	20±0.5	0.4	0.8	1.3	1.3	1.6	1.8	•	•	
MAT-25	DC-1500	25±0.5	0.4	0.8	1.3	1.3	1.6	1.8	•	•	
MAT-30	DC-1000	30±0.5	0.5	1.0	—	1.3	1.6	—	•	•	
MAT-40	DC-500	40±0.6	1.0	—	—	1.5	—	—	•	•	
AT case A04	AT-1	DC-1500	1±0.2	0.3	0.4	0.5	1.3	1.5	1.7	•	•
	AT-2	DC-1500	2±0.2	0.3	0.4	0.8	1.3	1.5	1.7	•	•
	AT-3	DC-1500	3±0.2	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	■ AT-3-75	DC-500	3±0.2	0.9	—	—	2.0	—	—	•	•
	AT-4	DC-1500	4±0.2	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	AT-5	DC-1500	5±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	AT-6	DC-1500	6±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	■ AT-6-75	DC-500	6±0.3	1.0	—	—	2.0	—	—	•	•
	AT-7	DC-1500	7±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	AT-8	DC-1500	8±0.3	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	AT-9	DC-1500	9±0.4	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	AT-10	DC-1500	10±0.4	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	■ AT-10-75	DC-500	10±0.4	1.0	—	—	2.0	—	—	•	•
	AT-12	DC-1500	12±0.4	0.3	0.6	1.0	1.3	1.5	1.7	•	•
	AT-15	DC-1500	15±0.4	0.4	0.7	1.1	1.3	1.5	1.7	•	•
	■ AT-15-75	DC-500	15±0.4	0.8	1.2	—	1.5	2.0	—	•	•
	AT-20	DC-1500	20±0.5	0.4	0.8	1.3	1.3	1.6	1.8	•	•
	■ AT-20-75	DC-500	20±0.5	1.1	—	—	2.0	—	—	•	•
	AT-30	DC-1000	30±0.5	0.5	1.0	—	1.3	1.6	—	•	•
	AT-40	DC-500	40±0.6	1.0	—	—	1.5	—	—	•	•

L = DC-500 MHz

M = DC-1000 MHz

U = DC-1500 MHz

pin connections
see case style outline drawings

SERIES	In	Out	Ground
MAT	1	8	2,3,4,5,6,7
AT	1	8	2,3,4,5,6,7

NOTES:

- Denotes 75 ohm models, connectors available in 75 ohm BNC only.
- 1. For quality control procedures, environmental specifications, and HI-Rel description see Table of Contents.
- 2. Absolute maximum ratings see section 1. In addition, maximum RF power 1 watt for AT, CAT, NAT, TAT; 1/2 watt for MAT, SAT; 1/4 watt for Terminations
- 3. Models are available with male/female coax connectors. For other configurations and inter-series versions consult factory.
- 4. Prices and specifications subject to change without notice.