



Mini-Circuits

DESIGNER'S KIT K-ADT-1+

Transformers

50Ω 0.15 to 775MHz

FEATURES

- Broadband, 50Ω
- Impedance ratios from 1:1 up to 1:9
- Very good return loss
- Excellent amplitude & phase unbalance
- Input power 0.25W max.
- Rugged plastic case
- Aqueous washable
- Low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K-ADT-1+ ELECTRICAL SPECIFICATIONS

(5 models, 2 of each, 10 total)

Model	Ω Ratio	Frequency (MHz)	Insertion Loss*			Phase Unbalance (Degrees) Typ.		Amplitude Unbalance (dB)	
			3dB MHz	2dB MHz	1dB MHz	1dB bandwidth	2 dB bandwidth	1dB bandwidth	2 dB bandwidth
ADT1-1+	1	0.15-400	0.15-400	0.2-200	0.3-100	2	5	0.1	0.5
ADT2-1T+	2	0.4-450	0.4-450	0.6-400	1-200	1	1	0.2	0.3
ADT3-1T+	3	1-500	—	1-500	2-300	1	3	0.1	0.5
ADT4-1WT+	4	2-775	2-775	3-600	6-250	1	3	0.1	0.3
ADT9-1T+	9	1-250	—	1-250	2-150	1	1	0.5	0.2

*Insertion loss is referenced to mid-band loss.
Protected under U.S. Patent 6,133,525

REV. A
ECO-009388
M105232
K-ADT-1+
210824

