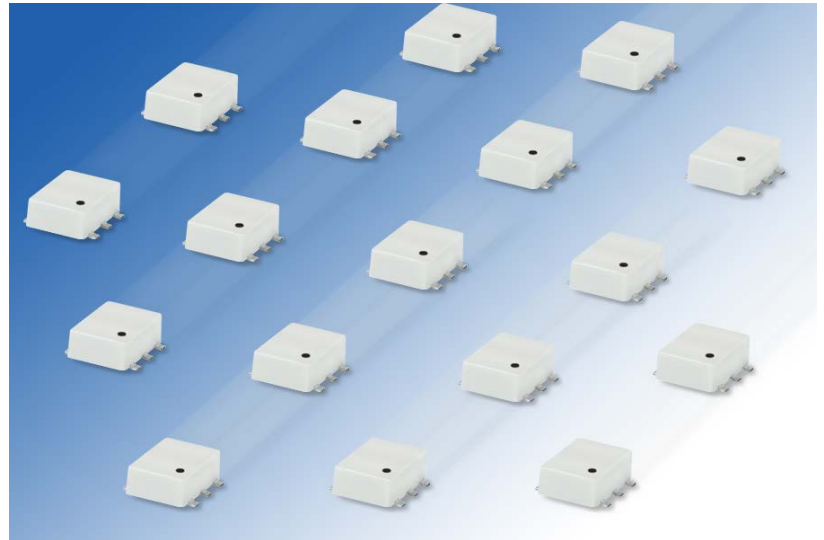


# TRANSFORMERS

## Designer's Kit K-ADT-1+

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
 THE SOLUTION!



### 0.15 to 775MHz

#### ADT+ 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



All models are  
RoHS compliant

**Kit K-ADT-1+** Electrical specifications of each model (5 models, 2 of each, 10 total)

Model	Ω Ratio	Frequency (MHz)	Insertion loss*			Phase Unbalance (Deg.) Typ.		Amplitude Unbalance (dB)	
			3dB MHz	2dB MHz	1dB MHz	1dB bandwidth	2dB bandwidth	1dB bandwidth	2dB 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	.05	0.2

Protected under U.S. Patent 6,133,525

\*Insertion loss is referenced to mid-band loss.



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For quick access to product information see MINI-CIRCUITS CATALOG & WEB SITE

**RF/IF MICROWAVE COMPONENTS**

REV. OR  
M105232  
K-ADT-1+