



Mini-Circuits

DESIGNER'S KIT K1-ADTL+

# Transformers

50Ω & 75Ω 0.50 to 1800 MHz

## FEATURES

- Very wide bandwidth
- Balanced transmission line
- Excellent amplitude & phase unbalance
- Aqueous washable
- Low cost

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



## K1-ADTL+ ELECTRICAL SPECIFICATIONS

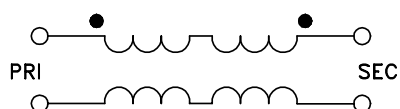
(5 models, 10 of each, 50 total)

| Model        | $\Omega$<br>Ratio | Frequency<br>(MHz) | Insertion Loss* |            |            | Configuration |
|--------------|-------------------|--------------------|-----------------|------------|------------|---------------|
|              |                   |                    | 3dB<br>MHz      | 2dB<br>MHz | 1dB<br>MHz |               |
| ADTL1-12+    | 1                 | 20-1200            | —               | 20-1200    | 50-1000    | G             |
| ADTL1-18-75+ | 1                 | 5-1800             | —               | 5-1800     | 25-1200    | G             |
| ADTL1-4-75+  | 1                 | 0.50-1000          | 0.50-1000       | 1-600      | 5-400      | G             |
| ADTL1-15-75+ | 1                 | 10-1500            | —               | 10-1500    | 30-1000    | K             |
| ADTL2-18+    | 2                 | 30-1800            | 30-1800         | —          | 100-1500   | G             |

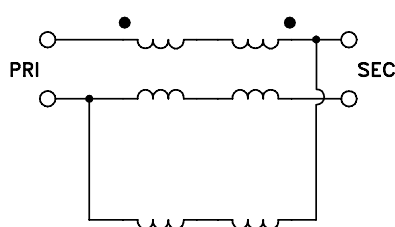
\*Insertion loss is referenced to mid-band loss.  
Protected under U.S. Patent 6,133,525

## CONFIGURATIONS

**G**



**K**



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