

Figure 1. Physical Photo of the ATCDB12

MAIN FEATURES

- Wide Adjustable Range: 1pF to 100μF
- High Adjustment Resolution: 1pF
- High Accuracy: ±5%
- Connector Type: Banana
- Compact Size
- Durable Metal Enclosure
- 100 % Lead (Pb)-free and RoHS Compliant

APPLICATIONS

- Tuning Networks
- Doing Experiments

DESCRIPTIONS

ATCDB12 is an accurate knob dial type capacitor decade box. Because of the main features listed above, it is a very useful tool for tuning analog electronic circuits where changing a capacitance is necessary.

SPECIFICATIONS

- Adjustment Range for Each Dial:
  1pF to 9pF; 10pF to 90pF; 100pF to 900pF;
  1nF to 9nF; 10nF to 90nF; 100nF to 900nF;
  1μF to 9μF; 10μF to 90μF
- Tolerance: ±5% (15°C to 35°C)
- Residual Capacitance: ≈ 47pF
- Resolution: 1pF
- Maximum Voltage:

Capacitance	Max. Voltage (V_{MAX})
1pF~399.999nF	50
400nF~999.999nF	25
1μF~9.999999μF	16
10μF ~99.999999μF	6.3

- Dimensions: 76×168×43 (mm)
- Weight: 300g
- Operating Temperature: –40°C to 60°C

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Figure 2. Front View of the ATCDB12

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