



MAIN FEATURES

- Wide Adjustable Range: 1pF to 100μF
- High Adjustment Resolution: 1pF
- High Accuracy: ±5%
- 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 needed.

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

ORDERING INFORMATION

Quantity (pcs)	1-9	10-49	50-199	200-499	≥500
ATCDB12	\$69	\$66	\$63	\$60	\$57



Figure 2. Top View of the ATCDB12



Figure 3. Bottom View of the ATCDB12



Figure 4. Front View of the ATCDB12



Figure 5. Side View of the ATCDB12

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