



Figure 1. Physical Photo of ATRDB12

MAIN FEATURES

- Wide adjustable range: 8 decades \Rightarrow 0.36Ω to $10M\Omega$
- High resolution: 0.1Ω
- High accuracy: $\pm 1\%$
- Very comfortable to use and easy to read the total value
- Long life time rotary switches and compact size
- Durable metal enclosure
- 100 % lead (Pb)-free and RoHS compliant

APPLICATIONS

- Tuning analog circuits
- Doing experiments

DESCRIPTIONS

ATRDB12 is an accurate knob dial type resistor decade box. Because of the main features listed above, it is a very useful tool for tuning analog electronic circuits where varying a resistance is needed.

SPECIFICATIONS

- Adjustment range for each dial:
 - 0.1Ω to 0.9Ω ; 1Ω to 9Ω ;
 - 10Ω to 90Ω ; 100Ω to 900Ω ;
 - $1k\Omega$ to $9k\Omega$; $10k\Omega$ to $90k\Omega$;
 - $100k\Omega$ to $900k\Omega$; $1M\Omega$ to $9M\Omega$.
- Tolerance: $\pm 1\%$ (-40°C to 85°C)
- Resolution: 0.1Ω
- Residual resistance: $0.36\pm 0.01\Omega$
- Maximum power: $0.2W$
- Base dimensions: $6.6''\times 3''\times 0.9''$ [$168\times 76\times 23$ (mm)]
- Total height: $1.7''$ [43 (mm)]
- Weight: 0.46 lb. (210 g)
- Operating Temperature: -40°C to $+55^\circ\text{C}$



Figure 2. Front and Side View of ATRDB12



Figure 3. Side Views of ATRDB12



Figure 4. Back View of ATRDB12



Figure 5. Knobs and Terminals



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