



1071 Decade Capacitance Box

Time Electronics

Calibration, Test & Measurement

- 10 pF to 100 μ F
- 1% Accuracy
- In-line read-out
- Colour coded digits
- Bi-polar working
- Safety terminals
- Removable protective boot



High accuracy and wide range makes the **1071** capacitance box suitable for many applications in industry and education. It is housed in a metal case to provide complete screening and a residual capacitance of approximately 55pF.

Safety Terminals: Fully compatible with 4mm shrouded plugs, as well as standard plugs, bare wires, and spade terminals.

Clear Visual Indication: To enhance reading the setting, the 1071 has colour coded digits as shown in the above image; μ F (red), nF (white), and pF (yellow).

Added Protection: The 1071 comes fitted with an ergonomic rubber boot (9028) providing increased protection and durability. The boot has a textured grip for comfortable handling and a raised edge so the 1071 angles slightly upward when resting horizontally. This improves visibility as well as gripping the surface, meaning no movement when thumbwheel switches are pressed. It is easy to remove if the user prefers a stand-alone unit or to house the decade box in the 9026 carry case.

1071 Technical Specifications

RANGE	TYPE	ACCURACY @ 1kHz	MAX VOLTAGE	TEMP COEFF ppm/ $^{\circ}$ C max	POWER FACTOR @ 1kHz	INSULATION RESISTANCE
9 x 10pF	Silver mica	1% \pm 5pF	300V dc 200V ac	200	< 0.0025	> 50G Ω
9 x 100pF	Silver mica	1% \pm 5pF	300V dc 200V ac	200	< 0.0015	> 50G Ω
9 x 1nF	Silver mica	1% \pm 5pF	300V dc 200V ac	50	< 0.002	> 50G Ω
9 x 10nF	Silver mica	1%	100V dc 72V ac	50	< 0.01	> 30G Ω
9 x 100nF	Polycarbonate	1%	100V dc 72V ac	75	< 0.01	> 30G Ω
9 x 1 μ F	Polycarbonate	1%	100V dc 115V ac	75	< 0.01	> 30G Ω
9 x 10 μ F	Polyester	5%	63V dc 50V ac	300	< 0.01	> 30G Ω

General Specification

Dimensions:	200 x 75 x 110mm (215 x 100 x 120mm including protective boot)
Weight:	0.6kg (1kg including protective boot)
Optional Extras:	Carry Case Calibration Certificates – traceable to NPL and UKAS

Ordering Information

Code	Description
1071	Decade Capacitance Box
9026	Leatherette Carry Case
9161	Factory (NPL Traceable) Calibration Certificate
9114	UKAS Calibration Certificate (ISO 17025)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

Time Electronics, Botany Industrial Est. Tonbridge, Kent. England. TN9 1RH.
Tel: +44 (0)1732 355993 Fax: +44 (0)1732 770312 E-mail: mail@timeelectronics.co.uk