



# 1070 Decade Capacitance Box

*Time Electronics*  
Calibration, Test & Measurement

- 100 pF to 10  $\mu$ F
- 1% Accuracy
- In-line read-out
- Colour coded digits
- Bi-polar working
- Compact



High accuracy and wide range makes the **1070** a very useful capacitance box for many applications in industry and education.

Connection is by 4mm binding posts and a third terminal to enable the case to be connected to either output or earth. The case is metal construction to provide complete screening and the residual capacitance is approximately 40pF.

1070 Technical Specifications						
RANGE	TYPE	ACCURACY @ 1kHz	MAX VOLTAGE	TEMP COEFF ppm/ $^{\circ}$ C max	POWER FACTOR @ 1kHz	INSULATION RESISTANCE
9 x 100pF	Silver mica	1% $\pm$ 5pF	300V dc 200V ac	200	< 0.0015	> 50G ohms
9 x 1nF	Silver mica	1% $\pm$ 5pF	300V dc 200V ac	50	< 0.002	> 50G ohms
9 x 10nF	Silver mica	1%	100V dc 72V ac	50	< 0.01	> 30G ohms
9 x 100nF	Polycarbonate	1%	100V dc 72V ac	75	< 0.01	> 30G ohms
9 x 1 $\mu$ F	Polycarbonate	1%	100V dc 115V ac	75	< 0.01	> 30G ohms
General Specification						
<b>Dimensions:</b>	110 x 75 x 200 mm					
<b>Weight:</b>	0.5kg					
<b>Optional Extras:</b>	Carry Case Calibration Certificates – traceable to N.P.L. and UKAS					
Ordering Information						
Code	Description					
1070	Decade Capacitance Box					
9026	Carrying Case					
9161	N.P.L. Traceable Calibration Certificate					
9114	UKAS Calibration Certificate					

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

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