



1070 Decade Capacitance Box

Time Electronics
Calibration, Test & Measurement

- 100 pF to 10 μ F
- 1% Accuracy
- In line read-out with colour coded digits
- Bi-polar working
- Compact



Introduction

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.

Specifications

Dimensions: 110 x 75 x 200 mm

Weight: 0.5 kg

Optional Extras: Carrying Case for field/industrial applications

Calibration Certificate: Traceable to NPL or UKAS

RANGE	TYPE	ACCURACY @ 1kHz	MAX VOLTAGE	TEMP COEFF ppm/degC max	POWER FACTOR @ 1kHz	INSULATION RESISTANCE
9 x 100pF	Silver mica	1% $\pm$ 7pF	300V dc 200V ac	200	< 0.0015	> 50G ohms
9 x 1nF	Silver mica	1%	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 μ F	Polycarbonate	1%	100V dc 115V ac	75	< 0.01	> 30G ohms

Ordering Information

Description	Order Code
Decade Capacitance Box	1070
Carrying Case	9026
N.P.L. Traceable Calibration Certificate	9161
UKAS Calibration Certificate	9114

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