



1071 Decade Capacitance Box

- ◆ 10pF to 100µF
- ◆ 1% Accuracy
- ◆ In-line reading with colour coded digits
- ◆ Bi-polar working
- ◆ Compact



Introduction

The high accuracy and large capacitance range makes the 1071 a very useful capacitance box for many applications in industry and education.

Connection is by 4mm binding posts and a third terminal is provided to enable the case to be earthed or connected to either output.

Ordering Information

Description	Order Code
Decade Capacitance Box	1071
Carrying Case	9026
N.P.L. Traceable Calibration Certificate	9161
UKAS Calibration Certificate	9114

Specification

RANGE	TYPE	ACCURACY	MAX.VOLTAGE	T.C. (TYPICAL)	POWER FACTOR AT 1kHz	INSULATION RESISTANCE
10pF	Silver Mica	$\pm 1\% \pm 5\text{pF} + 1\text{pF/capacitor}$	250V D.C.	+75ppm	<0.0025	>50GΩ
100pF				+40ppm	<0.0015	
1nF				<0.002		
10nF	Film	$\pm 1\%$	100V D.C.	400ppm	<0.01	>30GΩ
100nF						
1µF						
10µF						



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