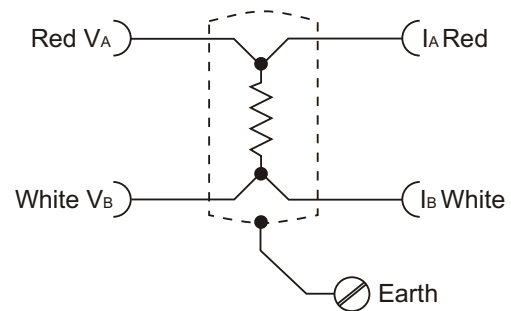


# RR Series

## Reference Resistor



### SPECIFICATION

Tolerance	1 to 10 Ohms	$\pm 0.005\%$ (50ppm)
	>10 to 100 Ohms	$\pm 0.0025\%$ (25ppm)
	>100 to 1000 Ohms	$\pm 0.001\%$ (10ppm)
Test certificate	$\pm 5$ ppm	
Optional calibration	Up to $\pm 0.1$ ppm	
Stability	$< \pm 5$ ppm per year	
Temperature coefficient	$< 1$ ppm per $^{\circ}\text{C}$	
Frequency dependence	Typically $< 1$ ppm ( $< 0.25$ mK), up to 400Hz	
Working temperature	20 $^{\circ}\text{C}$ , but within the range of 15 $^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$	
Connection type	Full 4 wire to 4mm insulated terminals, plus earth connection to case.	
Dimensions / weight	Diameter: 76.2mm, Height: 90mm, Weight: 1kg.	

**1 Ohm to  
1000 Ohms**

### ORDER CODES

RRx	where x is 1, 10, 25, 100, 300 or 1000 ohms. Other values available.
BNC/ADAP	Adaptor for converting 4mm insulated terminals to BNC socket (2 req'd)
CAL-RES-A	Optional UKAS calibration d.c. @ 20 $^{\circ}\text{C}$