



DC Calibration Resistor CY-KW100



CY-KW100 is DC calibration resistor, which is designed and made according to the Standard JB/T8225-1999 for DC resistors used in laboratory and electrical engineering. By using full closed structure and automatic temperature control it ensures resistor good long-term stability and small temperature coefficient. This DC resistor is very suitable for DC current measurement and calibration of current measuring systems and current sensors. The maximal measuring current is 100A with measuring accuracy of $\pm 0.01\%$

Technical Data

Rated resistance:	0.001 Ω
Accuracy of resistance:	$\pm 0.01\%$
Measurement uncertainty:	$\pm 0.02\%$
Measuring range of current:	0 – 80ADC
Maximum measuring current:	100A DC
Rated using power:	3W
Maximum using power:	10W
Isolation resistance:	500M Ω
Isolation voltage:	2.0kV, 45~65Hz, 1min
Operation temperature range:	15 $^{\circ}$ C ~ 25 $^{\circ}$ C
Storage temperature:	15 $^{\circ}$ C ~ 30 $^{\circ}$ C
Relative humidity:	<75%
Dimensions:	230 x 140 x 65mm
Power supply for temperature control:	+24VDC



Resistor

Dimension: 230 x 140 x 65mm
Net weight: 4.40kg

Box

Dimension: 380 x 260 x 120mm
Gross weight: 6.14kg