



20K Shunt

Precision Measurement Resistor



Low Level Noise Reduction to Increase Measurement Accuracy

Shunts in a measurement circuit reduce load impedance, dampening low level noise and unwanted signals due to inductive/capacitive coupling which would otherwise cause inaccurate readings. Shunts are useful when measuring leakage current to ground on isolated transformers, during testing and commissioning of track circuits etc.



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Precision Measurement Resistor

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Low Level Noise Reduction to Increase Measurement Accuracy

Information

MRD's Precision shunts help to increase measurement accuracy by dampening low level noise and unwanted signals which would otherwise cause inaccurate readings. Shunts are useful when measuring leakage current to ground on isolated transformers, when testing and commissioning track circuits and any other application which relies on accurate electrical measurements.

Features

- High precision resistor
- Safe, no touch design
- Great, long term stability
- Quick, easy connection

Benefits

- Reduced low level noise and signals
- High accuracy in measurements for testing and commissioning
- Lightweight, compact design

Part Numbers

20KΩ Precision Shunt PS-20K

Technical Specifications

General Data

Enclosure	ABS, touch proof design
Contact Type	4mm safety plug and socket
Contact Material	Brass/Nickel plated
Dimensions (W x H x D)	50 x 60 x 20mm
Weight	0.030kg

Electrical Data

Rated Voltage	600V CAT II	
Resistor Tolerance	1%	
Resistor Power Rating	3W at 25°C	
Limiting Element Voltage	245V	
Operating Temperature Range	-65 to 250°C	
Temperature Coefficient	Maximum	+/- 20ppm/C (-65 to +250°C)
No-Load Stability	+/- 25ppm/10,000 hours	
Full Load Stability	10,000 hours	<50ppm
	26,000 hours	<100ppm