

FR9010 Lightning Protection Standard Resistance



I . Characteristic

The FR9010 standard resistor is composed of nine 1/2W high-precision Seiko-grade wirewound resistor series. It is a four-wire standard resistor. It does not need to change the wire for direct shifting. It is easy to carry and replace the traditional BZ3 and other single resistors. The highest accuracy is 0.05%. It is a standard resistor specially customized by our company. Its resistance values include 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω, 1KΩ, 10KΩ, 100KΩ, which fully complies with Order No. 31 "Lightning Protection Device Testing Qualification Management Measures" The range of 10⁻³~10⁵ specified in . Mainly used for the calibration of ground resistance testers, equipotential testers and other instruments.

II . Technical Specification

Features	Used for calibration of earth resistance tester, equipotential tester and other instruments
Range	1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω, 1KΩ, 10KΩ, 100KΩ
Accuracy	0.05%
Wiring method	four-wire method
Power	1/2W
Temperature Coefficient	±25ppm
Size	Length, width and thickness: 187*119*48mm
Test lead length	Red 0.5m, black 0.5m 2 each
Quality	550g
Working temperature and	-10℃ ~ 40℃; below 70%rh

humidity	
Storage temperature and humidity	-20°C ~ 60°C; below 80%rh
Insulation resistance	10MΩ or more (500V between circuit and case)
Pressure resistance	AC 3700V/rms (between circuit and case)
Suitable for safety regulations	IEC61010-1, CAT III 600V, pollution level 2, JJG724-1991 "Verification Regulations for DC Digital Ohmmeters", JJG166-1993 "Verification Regulations for DC Resistors"

III. Packing List

Instrument package	1
Standard Resistors	1 set
Test line	4 (2 red and black)
Manual, Warranty	1 set

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