



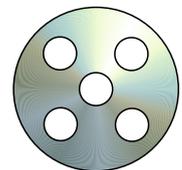
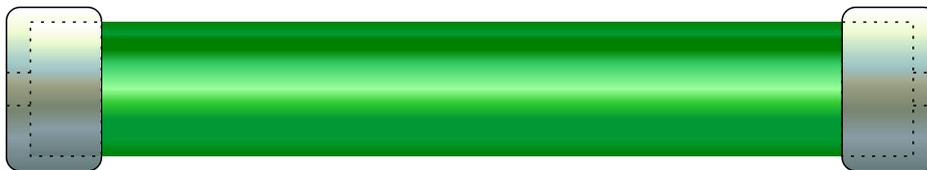
- ✓ Medical Equipment
- ✓ RADAR
- ✓ X-Ray
- ✓ Capacitor Discharge
- ✓ ESD Protection

**Specification Summary**

The Genvolt RES100 range of High Voltage Resistors are available with a rated power from 30W up to 1000W with voltage limits between 30kV and 1000kV, depending on the application use required.

Design enhancement may lead to specification changes.

Please call or contact Genvolt with your specification requirements as we are able to provide high voltage resistors of various lengths and power ratings.



Rated Power (W)	Resistance Value (Ω)	Temperature Coefficient	Tolerances	Voltage Limit (kV)
30	50-100G	±150PPM/°C	±2%	30kV
50	50-100G			50kV
70	50-100G			70kV
100	50-100G			100kV
130	50-100G			130kV
150	50-100G			150kV
200	50-100G	±200PPM/°C	±5%	200kV
250	50-100G			250kV
300	50-100G			300kV
350	50-100G	±250PPM/°C	±8%	350kV
400	50-100G			400kV
500	50-100G			500kV
600	50-100G			600kV
700	50-100G	±10%	±10%	700kV
800	50-100G			800kV
800	50-100G			800kV
1000	50-100G			1000kV



- ✓ Medical Equipment
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**Specification Summary**

Our RES200 series are highly stable, High Voltage Resistors suitable for use with high impulse voltages and high frequencies, and can regulate extremely high voltages of up to 500kV and a rated power of 1000W.

Design enhancement may lead to specification changes.

Please call or contact Genvolt with your specification requirements as we are able to provide high voltage resistors of various lengths and power ratings.

Rated Power (W)	Resistance Value (Ω)	Impulse Current	Impulse Voltage	Temperature Coefficient	Temperature	Tolerance
30W-1000W	0.1-200K	0-3000A	1-500kV	250ppm/°C	-50°C - +250°C	±2% - ±10%

Rated Power (W)	Resistance Value (Ω)	Temperature Coefficient	Tolerances	Voltage Limit (kV)
30	0.1-200K	±150PPM/°C	±2%	10kV
50	0.1-200K			30kV
70	0.1-200K			40kV
100	0.1-200K			50kV
130	0.1-200K			60kV
150	0.1-200K			80kV
200	0.1-200K			100kV
250	0.1-200K	±200PPM/°C	±8%	100kV
300	0.1-200K			120kV
350	0.1-200K			120kV
400	0.1-200K			130kV
500	0.1-200K			180kV
600	0.1-200K	±250PPM/°C	±10%	200kV
700	0.1-200K			300kV
800	0.1-200K			400kV
800	0.1-200K			400kV
1000	0.1-200K			500kV

## Worldwide Locations



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