

When traditional resistors just won't do for your tough design problem, Kanthal Global non-inductive bulk ceramic resistors offer the solution. We offer a full line of rugged, reliable bulk ceramic resistors - including custom designs - to meet the high voltage/energy requirements of the most demanding applications. Our full product line consists of three basic bulk ceramic materials:

Type AS

Able to absorb large amounts of energy at high voltage while remaining non-inductive.

Type SP

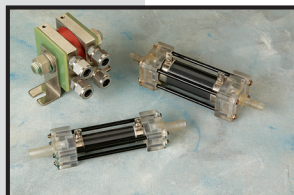
Provide great non-inductive power handling capacity - at frequencies into the GHz range.

Type A

Non-inductive capability, power dissipation and energy absorption at high voltage when high resistance is required.

Visit www.globar.com or call for technical assistance.

Get the advantages of non-inductive bulk ceramic resistors in your applications. Visit our web site or call Kanthal Global for more information.



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Series 800 and 1000 Tubular and Rod Resistors

This general line is available in a wide variety of sizes and terminations.

Type	Size Range (length in inches)	Resistance Range (ohms)	Rated Power @40°C (watts)	Peak Energy (joules)	Peak Voltage (volts)
AS	2 to 24	6 to 4,800	15 to 300	2,800 to 164K	8,000 to 165,000
SP	2 to 24	1.0 to 1,000	22.5 to 1,000	250 to 17,500	1,000 to 22,000
A	2 to 18	1,500 to 1M	15 to 125	750 to 20,000	3,750 to 40,000

Series 100/200 Axial Leaded Resistors

These resistors are ideal candidates for replacement of carbon composition resistors.

Type	Size Range (length in inches)	Resistance Range (ohms)	Rated Power @40°C (watts)	Peak Energy (joules)	Peak Voltage (volts)
AS	0.75 to 9.125	4 to 48,000	1.5 to 25	75 to 4,600	1,100 to 25,000
SP	0.75 to 9.125	1.0 to 3,800	2.5 to 70	15 to 380	375 to 8,800

Series 500SP Slab Resistors

These resistors provide high power and energy dissipation in a slim, compact size. The Series 500SP design enables the designer to minimize resistor package size and cost while providing unequalled performance and reliability.

Type	Size Range (length in inches)	Resistance Range (ohms)	Rated Power @40°C (watts)	Peak Energy (joules)	Peak Voltage (volts)
SP	2 to 10	0.2 to 600	30 to 150	150 to 1,400	900 to 8,500

Series 900 Disc and Washer Style Resistors

These resistors provide very high energy absorption in a compact size, of 1" thickness.

Type	Size Range (length in inches)		Resistance Range (ohms)		Rated Power @40°C (watts)	Peak Energy (joules)		Peak Voltage (volts)
AS	Solid Disc	1.60 to 3.75	Solid Disc	0.3 to 100	Dependent on mounting. In free air 2.5 watts per square inch of surface area.	Solid Disc	9,000 to 52,500	to 5,000
	Washer	3 to 5.90	Washer	0.1 to 78		Washer	27,600 to 120,000	

Direct and Indirect Water-Cooled Resistors

These resistors provide high reliability in water-cooled AC or pulsed applications.

Type	Size Range (length in inches)	Resistance Range (ohms)	Rated Power @40°C (watts)
SP - Direct	6	1 to 100	350 to 1,000
AS - Indirect	3 to 8	0.5 to 100	500 to 2,500

Custom Resistors and Assemblies

Custom resistors and assemblies are available from Kanthal Global to meet your exact specifications including a variety of termination, mounting and connector options.