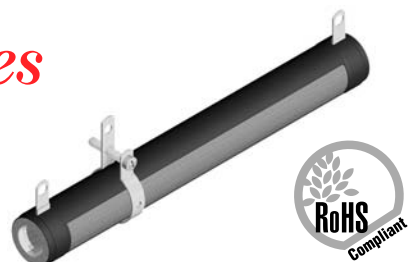


Dividohm® Vitreous Enamel Adjustable Power Resistors



Other sizes available. Consult factory.
Also available in low cost Centohm or Silicone coating. Consult Factory.

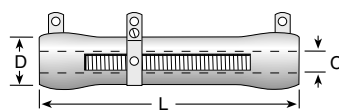
Coating
Blank = Vitreous
C = Centohm
S = Silicone

RoHS Compliant

D 2 5 J 1 0 0 E

Series **Wattage** **Tolerance** **Ohms**

F = 1% 1R0 = 1 Ω
H = 3% 250 = 250 Ω
J = 5% 1K0 = 1,000 Ω
K = 10% 25K = 25,000 Ω
25K5 = 25,500 Ω



**See page 34
for mounting hardware**

See page 41 for custom core and terminal info

Core Diameter
See "Core and Terminal Selection"

Terminal Type
See "Resistor Terminals for Tubular Cores"

RoHS Compliant

Coating
210 = Vitreous
410 = Silicone Ceramic

Wattage

Ohms
R500 = 0.500 Ω
1R00 = 1 Ω
250R = 250 Ω
1K00 = 1,000 Ω
25K0 = 25,000 Ω
25K5 = 25,500 Ω

Tolerance
F = 1%
H = 3%
J = 5%
K = 10%

To calculate max. amps: use the formula $\sqrt{P/R}$.

- Terminals suitable for soldering or bolt connection.
- Adjustable lug supplied.
- High wattage applications.
- All-welded construction.
- Rugged lead free vitreous enamel coating.
- Flame resistant coating.
- Thumb-screw-adjustable lug available (Part No. 2160) for 1.125" core resistors.
- RoHS compliant product available. Add "E" suffix to part number to specify.

Power limitations for high resistance values:	Power rating	Resistance value	No power derating necessary for ratings higher than 100W.
When resistance exceeds the resistance values listed at right, derate the Power Rating by 25% to improve reliability:	12W 25W 50W 75W 100W	4,500Ω 9,000Ω 20,000Ω 35,000Ω 50,000Ω	

Wattage										Wattage										Wattage										
Ohmic value	Part No. Prefix Suffix	12	25	50	75	100	175	225	500	1000	Ohmic value	Part No. Prefix Suffix	12	25	50	75	100	175	225	500	1000	Ohmic value	Part No. Prefix Suffix	12	25	50	75K	100K	175	225K
		D12K	D25K	D50K	D75K	D100K	D175K	D225K	D500K	D1000K			D12K	D25K	D50K	D75K	D100K	D175K	D225K	D500K	D1000K			D12K	D25K	D50K	D75K	D100K	D175K	D225K
1.0 — 1R0E	✓	✓	✓	✓	✓	✓	✓	✓			400 — 400E	✓	✓	✓	✓		✓	✓	✓	✓	✓	7,500 — 7K5E	✓	✓	✓					
2 — 2R0E	✓	✓	✓	✓	✓	✓	✓	✓			500 — 500E	✓	✓	✓	✓		✓	✓	✓	✓	✓	8,000 — 8K0E		✓	✓					
3 — 3R0E		✓	✓	✓	✓	✓	✓	✓			600 — 600E											8,500 — 8K5E								
4 — 4R0E			✓	✓	✓	✓	✓	✓			750 — 750E	✓	✓	✓	✓							9,000 — 9K0E								
5 — 5R0E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	800 — 800E		✓	✓								10,000 — 10KE	✓	✓	✓	✓	✓	✓		
7.5 — 7R5E	✓	✓									1,000 — 1K0E	✓	✓	✓	✓		✓	✓	✓	✓	✓	12,000 — 12KE								
10 — 10RE	✓	✓	✓	✓	✓	✓	✓	✓			1,250 — 1K25E	✓	✓									15,000 — 15KE		✓	✓					
15 — 15RE	✓	✓			✓						1,500 — 1K5E	✓	✓	✓	✓		✓	✓	✓			20,000 — 20KE	✓	✓	✓	✓				
20 — 20RE	✓	✓									2,000 — 2K0E		✓	✓	✓	✓						25,000 — 25KE		✓	✓					
25 — 25RE	✓	✓	✓	✓	✓	✓	✓	✓			2,250 — 2K25E											30,000 — 30KE								
50 — 50RE	✓	✓		✓	✓	✓	✓	✓			2,500 — 2K5E	✓	✓	✓			✓	✓	✓			35,000 — 35KE								
75 — 75RE	✓	✓	✓	✓							3,000 — 3K0E	✓	✓	✓								40,000 — 40KE								
100 — 100E	✓	✓	✓			✓	✓	✓			3,500 — 3K5E											45,000 — 45KE								
150 — 150E	✓	✓	✓	✓							4,000 — 4K0E	✓										50,000 — 50KE			✓		✓			
200 — 200E	✓	✓	✓	✓	✓						4,500 — 4K5E											60,000 — 60KE				✓				
250 — 250E	✓	✓	✓	✓	✓	✓	✓	✓			5,000 — 5K0E	✓	✓	✓			✓	✓	✓			75,000 — 75KE								
300 — 300E	✓	✓			✓						6,000 — 6K0E			✓								80,000 — 80KE								
350 — 350E											7,000 — 7K0E	✓	✓									100,000 — 100KE			✓		✓	✓		
✓ = Standard values; check availability using the worldwide inventory search at www.ohmite.com																														