

Ohmite radio frequency plate chokes have a single-layer winding designed to avoid adverse harmonic effects and prevents breakdown from high r.f. potentials. Windings are insulated and protected by a moisture-proof coating.

- Z-7 type furnished with non-magnetic mounting bracket.
- Z-14, Z-28 type have wire leads welded to lug type terminals.
- Z-50, Z-144, Z-235, Z-460 type have axial wire leads.

It is generally advisable to select a choke with a resonant frequency (see chart) slightly higher than the desired operating frequency since any additional capacity to ground will tend to shift the resonant frequency closer to the operating frequency.



# Z Series

## R. F. Plate Chokes



**ORDERING INFO**

RoHS Compliant

**Z - 1 4 4 E**

Z Series      Specifier  
see chart

STOCK PART NUMBERS								
Part number	Inductance (μH) ±10% @ 1kHz	Rated DC current (A)	DCR (Ω)	Operating range (MHz)	SRF (MHz)	Diameter (in./mm)	Length (in./mm)	
Z-7	84.0	1.00	4.70	3 - 20	13	0.563 / 14.29	6	152.4
Z-14	44.0	0.68	2.60	7 - 35	23	0.438 / 11.11	2	50.6
Z-28	21.0	0.60	2.70	20 - 60	41	0.313 / 7.94	1.750	44.45
Z-50	7.0	1.00	0.98	35 - 110	79	0.281 / 7.14	1	25.4
Z-144	1.8	1.10	0.33	80 - 200	168	0.188 / 4.76	0.750	19.05
Z-235	0.84	1.70	0.14	160 - 350	300	0.188 / 4.76	0.750	19.05
Z-460	0.20	4.00	0.034	320 - 520	500	0.156 / 3.97	0.500	12.70

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Ohmite:](#)

[Z14](#) [Z144](#) [Z460](#) [Z50](#) [Z144E](#) [Z460E](#) [Z50E](#) [Z14E](#)