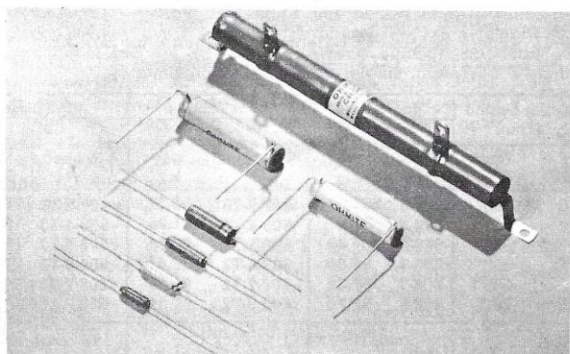


Ohmite Chokes & Sup



RADIO FREQUENCY PLATE CHOKES

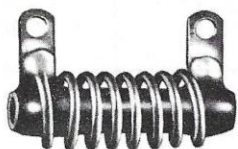
This series of seven, single-layer-wound, solenoid type radio frequency plate chokes, covers the entire frequency range of 3 to 520 megacycles. The stock number corresponds to the approximate frequency at which maximum efficiency will be obtained, but the chokes may be used at any other frequencies within their operating ranges, as shown in the table. Chokes of the four highest frequencies are wound on low power factor plastic cores while the other three units are wound on steatite tubes. Windings are insulated and protected by a moisture-proof coating. The single layer winding is designed to avoid adverse harmonic effects and also prevent breakdown from high R.F. potentials. Non-magnetic mounting brackets are furnished with the largest size, Z-7. The Z-14 and Z-28 have wire leads welded to lug type terminals; the Z-50, Z-144, Z-235 and Z-460 have axial-type wire leads. Any one of these chokes may be selected for a particular frequency within its recommended operating range with the assurance that it will give excellent performance. Selection should be made, however, subject to the following qualification. 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. Also, for this reason, the frequency designated by the catalog number of a choke is lower than its natural resonant frequency.

Stock No.	Operating Range	Inductance μ h	Resonant Freq. Mc	Core	Wt. lbs.	Net 1-9
Z-7	3 to 20 Mc.	84.0	11	6" x $\frac{7}{16}$ "	.106	\$2.03
Z-14	7 to 35 Mc.	44.0	25	2" x $\frac{7}{16}$ "	.026	1.01
Z-28	20 to 60 Mc.	21.0	45	1 $\frac{3}{4}$ " x $\frac{5}{16}$ "	.011	.85
Z-50	35 to 110 Mc.	7.0	80	1" x $\frac{3}{32}$ "	.005	.68
Z-144	80 to 200 Mc.	1.8	170	$\frac{3}{4}$ " x $\frac{3}{16}$ "	.002	.64
Z-235	160 to 350 Mc.	0.84	300	$\frac{3}{4}$ " x $\frac{3}{16}$ "	.002	.64
Z-460	320 to 520 Mc.	0.20	500	$\frac{1}{2}$ " x $\frac{5}{32}$ "	.001	.64

Non-magnetic Brackets Furnished with Z-7.

All chokes 1000 ma. rating except Z-14 and Z-28. These are rated at 600 ma.

PARASITIC SUPPRESSOR



The P-300 Suppressor is designed to prevent unwanted ultra-high frequency parasitic oscillations which occur in the plate and grid leads of push-pull and parallel tube circuits. The P-300 is a non-inductive, 50 ohm, vitreous enameled resistor combined with a choke (in parallel) of .3 microhenries inductance and .003 ohms

D.C. resistance. The two form a small integral unit only $1\frac{1}{4}$ " long overall and $21/32$ " in diameter. The unit may be mounted directly in the grid lead without extra support. Weight .04 pound.

Model P-300, Parasitic Suppressor Net Price **\$2.34**