

# Standard B & W Inductors

**MINIDUCTORS** Highly efficient miniature coils offering extremely low losses and real space-saving economy. Ideal for compact, high frequency circuits.

**TYPE "M" INDUCTORS** Sturdily constructed and conservatively rated, these compact and highly efficient baby coils are useful for low powered oscillator or buffer stages in single-ended or push-pull circuits. Rated for input powers to 35 watts.

Types—M—straight untapped  
 MC—center tapped  
 MEL—end linked  
 MCL—center linked center tapped

**TYPE "J" INDUCTORS** Similar in design to the "M" series except for heavier construction. Ideal for buffer and finals in low medium power equipment and mobile rigs. Rated for input powers to 75 watts.

Types—JEL—end linked  
 JCL—center linked center tapped  
 JVL—variable link center tapped

**TYPE "B" INDUCTORS** Ruggedly constructed and highly efficient coils for buffer and final stages with power input rating up to 150 watts. Voltage rating to 1500 volts maximum.

Types—B—straight coil center tapped  
 BEL—end linked  
 BCL—center linked center tapped  
 BVL—variable link center tapped

**TYPE "BX" INDUCTORS** Similar to the "B" series except for power rating of 250 watts. Excellent for capacity and fixed linked coupling for interstage and final tank circuits in medium powered transmitters.

Types—BX—straight coil center tapped  
 BXL—center linked center tapped

**TYPE "T" INDUCTORS** Ruggedly constructed, well proportioned coils for applications to 500 watts. Well suited for medium high powered buffer stages and final amplifiers.

Types—T—straight coil center tapped  
 TCL—center linked center tapped  
 TVL—variable link center tapped

**3400 SERIES INDUCTORS** Designed for the utmost requirements in sturdy construction and electrical flexibility. Internal variable link and external fixed series links on low frequency coils provides precise impedance matching up to 600 ohms. Power rating up to 500 watts. All types are provided with an internal rotary link; and an external series link is provided on the low frequency types. All types are capable of matching into 600 ohms.

**TYPE "TVH" INDUCTORS** A special series of variable linked coils designed for extreme flexibility. Eight plug mounting bar permits padding capacitors to be automatically connected in the circuit for coverage of lower frequency bands. An alternate method is the use of a multiple split stator type capacitor providing the proper capacity range for all bands. This capacitor selection feature is accomplished by connecting jumper leads to proper jack positions. For use in final tank circuits with power input rating up to 500 watts.

**TYPE "HD" INDUCTORS** Unsurpassed in quality and rugged construction, these coils amply handle the legal limit of power. Superior electrical and mechanical features provide highest efficiency in final tank circuit applications.

Types—HD—straight coil center tapped  
 HDCL—center linked center tapped  
 HDVL—variable link center tapped

**ANTENNA INDUCTORS** Provide maximum efficiency as link coupled antenna coils in antenna coupling networks. Coils are wound with tinned copper wire for ease in tapping feeder lines at proper impedance point. They are equipped with a fixed center link for coupling to either fixed or variable linked final tank circuits through a low impedance line. Two tinned clips are provided with each coil.

Types—BA—for powers to 150 watts output  
 TA—for powers to 500 watts output  
 HDA—for powers to 1000 watts output

## SPECIFICATIONS

TYPE	POWER (Watts)	KEY	CATALOG NUMBER BY AMATEUR BANDS*						MOUNTING ASSEMBLIES				
			160	80	40	20	15	10	6	Jack Bar With Jacks	Base with Plug-in Link Assembly	Variable Link and Jack Bar Assembly with Faraday Link	Base and Capacitor Mounting
M*	35	M	2905	2904	2903	2902	2901	2900	2927				
		MC	2912	2911	2910	2909	2908	2907	2928				
		MEL	2919	2918	2917	2916	2915	2914	2929				
		MCL	2926	2925	2924	2923	2922	2921	2930				
		JEL	3106	3105	3104	3103	3102	3101	3100				
J*	75	JCL	3113	3112	3111	3110	3109	3108	3107				
		JVL	3120	3119	3118	3117	3116	3115	3114				
		B	3206	3205	3204	3203	3202	3201	3200				
B	150	BEL	3213	3212	3211	3210	3209	3208	3207	3228	3266	3269**	
		BCL	3220	3219	3218	3217	3216	3215	3214				
		BVL	3227	3226	3225	3224	3223	3222	3221				
		BA	3284	3283	3282	3281	3280						
BX	250	BXL	3245	3244	3243	3242	3241	3240	3253				
		BX	3252	3251	3250	3249	3248	3247					
T	500	T	3306	3305	3304	3303	3302	3301	3321	***	3366	**	3368
		TCL	3313	3312	3311	3310	3309	3308					
		TVL	3320	3319	3318	3317	3316	3315					
3400	500		3406	3405	3404	3403	3402	3401	3321				
TVH	500		3506	3505	3504	3503	3502	3501	3513	3566	3569**	3567	
TA	500		3606	3605	3604	3603	3602	3601	3321				
HDA	1000		3612	3611	3610	3609	3608	3607	3721				
HD	1000	HD	3706	3705	3704	3703	3702	3701	3721	***	3766	**	3767
		HDCL	3713	3712	3711	3710	3709	3708					
		HDVL	3720	3719	3718	3717	3716	3715					

\*Mount in standard 5-prong tube socket.

\*\*Available with 1, 2, or 3 turn shielded links. Supplied with 2 turn links unless otherwise specified. (See detailed list of plug-in type links below.)

\*\*\*Supplied with mounting plate.

NOTE: All B & W inductors for use on amateur bands 160 through 10 meters will resonate throughout their respective bands with use of variable capacitors having effective maximum values ranging from 15 to 100  $\mu\text{f}$ . A 6 meter coil will require a variable capacitor whose maximum value is equal to 15  $\mu\text{f}$ , while a 160 meter coil will require a capacitor whose maximum effective value is 100  $\mu\text{f}$ , etc.