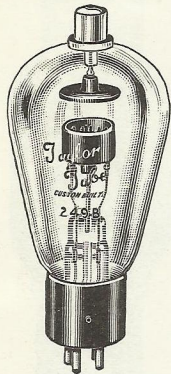


Taylor

CUSTOM
BUILT

Tubes



249-B

NEW! . . . BETTER!
**HALF-WAVE
 MERCURY VAPOR
 RECTIFIER TUBE**
New Low Price!

\$5.00

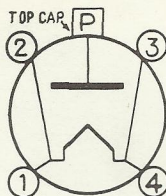
This new Rectifier tube uses a Processed Carbon Anode and shield together with the recognized advantages of Taylor's Multi-strand filament. The ceramic insulator between the plate cap and the glass gives increased voltage breakdown protection. 249-B's are widely used in Commercial Transmitters and during the past year many Taylor 249-B's went into this service with success. The Taylor 249-B is an exact replacement for tubes with the same type number.

GENERAL CHARACTERISTICS

Filament Volts.....2.5
 Filament Current, amps.....7.5

Overall Dimensions

Max. Height, inches.....6 7/8
 Max. Diameter, inches.....2 1/2
 Nonex Glass **UX 4 Prong Base**
 (See Drawing)



Max. Peak Inverse Voltage

Condensed Mercury Temperature 20° to 60° C, volts.....10,000
 Condensed Mercury Temperature 20° to 70° C, volts..... 5,000
 Max. Peak Plate Current, amps.....1.5
 Max. Average Plate Current, amps.....0.375

TYPICAL CIRCUIT—MAXIMUM CONDITIONS

	R.M.S. Input Volts	Max. D.C. Output Volts	Amps.
Single phase full wave (2 tubes).....	3530	3180	.750
Single phase bridge (4 tubes).....	7060	6360	.750
Three phase half wave (3 tubes).....	4080	4780	1.12
Three phase parallel double Y (6 tubes)	4080	4780	2.25
Three phase full wave (6 tubes).....	4080	9560	1.12

258-B — \$6.00

Replaces tube with same type number and has same electrical and physical characteristics as 249-B except base has two 1/4 inch prongs only. Fits W.E. type 138-B socket.

Special Note

In transit mercury in tube splatters over filament—therefore when first placing this tube into operation filament should be lighted for fully 15 minutes to allow mercury to condense to bottom of bulb.

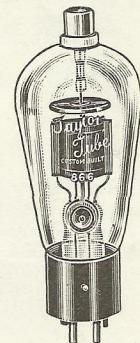
New Shielded 866 — \$1.50

**HALF-WAVE MERCURY VAPOR
 RECTIFIER TUBE**

10,000 VOLTS PEAK INVERSE VOLTS

THERE ARE OVER 25,000 TAYLOR 866's IN USE IN COMMERCIAL, BROADCAST AND AMATEUR RADIO TRANSMITTERS. TAYLOR 866's ARE KNOWN THE WORLD OVER TO BE THE LONGEST LIVED AND MOST TROUBLE-FREE 866's EVER MADE.

**"WHEN YOU BUY 866's—SAY TAYLOR 866's
 AND YOU'LL GET THE BEST."**



The shielding of the filament gives the Taylor Shielded 866 the same rating as all 866-A's. The ceramic insulator between the plate cap and the glass gives increased voltage breakdown protection. These Tubes can be used with equal success in any power supply requiring 866-A's. Uses famous Taylor Multi-strand filament which has twice usual emitting surface and Svea Metal Anode which greatly minimizes back emission.

GENERAL CHARACTERISTICS

Filament Volts.....2.5
 Filament Current, amps.....5.0

Overall Dimensions

Maximum Height, inches.....6 1/4
 Maximum Diameter, inches.....2 5/8

UX 4 Prong Base

Max. Peak Inverse Voltage

Condensed Mercury Temperature 20° to 60° C, volts.....10,000
 Condensed Mercury Temperature 20° to 70° C, volts..... 5,000
 Max. Peak Plate Current, amps..... 1.0
 Max. Average Plate Current, amps..... 0.25

TYPICAL CIRCUIT—MAXIMUM CONDITIONS

	R.M.S. Input Volts	Max. D.C. Output Volts	Amps.
Single phase full wave (2 tubes).....	3530	3180	0.5
Single phase bridge (4 tubes).....	7060	6360	0.5
Three phase half wave (3 tubes).....	4080	4780	0.75
Three phase parallel double Y (6 tubes)	4080	4780	1.5
Three phase full wave (6 tubes).....	4080	9560	0.75

Special Note

In transit mercury in tube splatters over filament—therefore when first placing this tube into operation filament should be lighted for fully 15 minutes to allow mercury to condense to bottom of bulb.