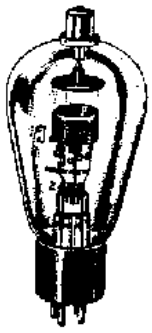
Taylor



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.

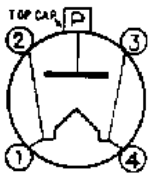
GENERAL CHARACTERISTICS

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

Overall Dimensions

Max. Height, inches.....6⅞
Max. Diameter, inches.....2½

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 ¼ 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.