

FEDERAL TELEGRAPH CO.

Federal Type F-319-A Rectifier Tube
(Interchangeable with UV-219)

RATINGS AND DATA

Main Use	High Voltage Half Wave Rectifier
No. of Electrodes	2
Filament Voltage	22 volts
Current	24.5 amperes
Type	Tungsten
Maximum Peak Current	2.5 amperes
Maximum Peak Inverse Voltage	50,000 volts
Overall Dimensions	
Maximum Length	22-9/16 inches
Minimum Length	22-3/16 inches
Maximum Diameter	6 1/8 inches
Type Base	Standard
Mounting	Standard
Type of Cooling	Air

The above information by no means represents exact conditions of operation to be imposed for any particular situation. Tubes are used under many widely different conditions and consequently the manufacturer should be consulted for information regarding characteristics for design purposes.

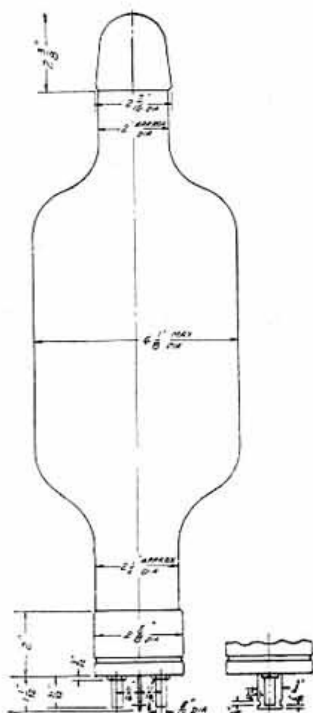
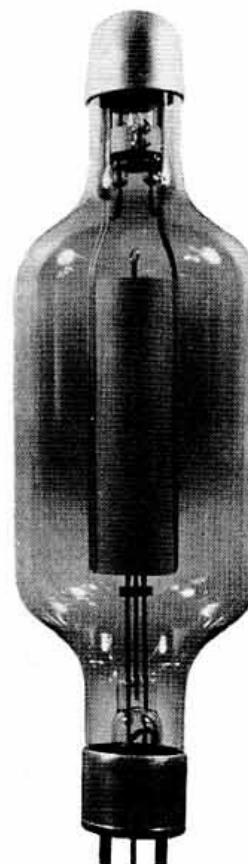


Fig. 1



Because of the high maximum inverse peak voltage rating the FEDERAL type F-319-A is well suited for use in rectifier circuits required to deliver high D.C. voltages and peak currents up to 2.5 amperes.

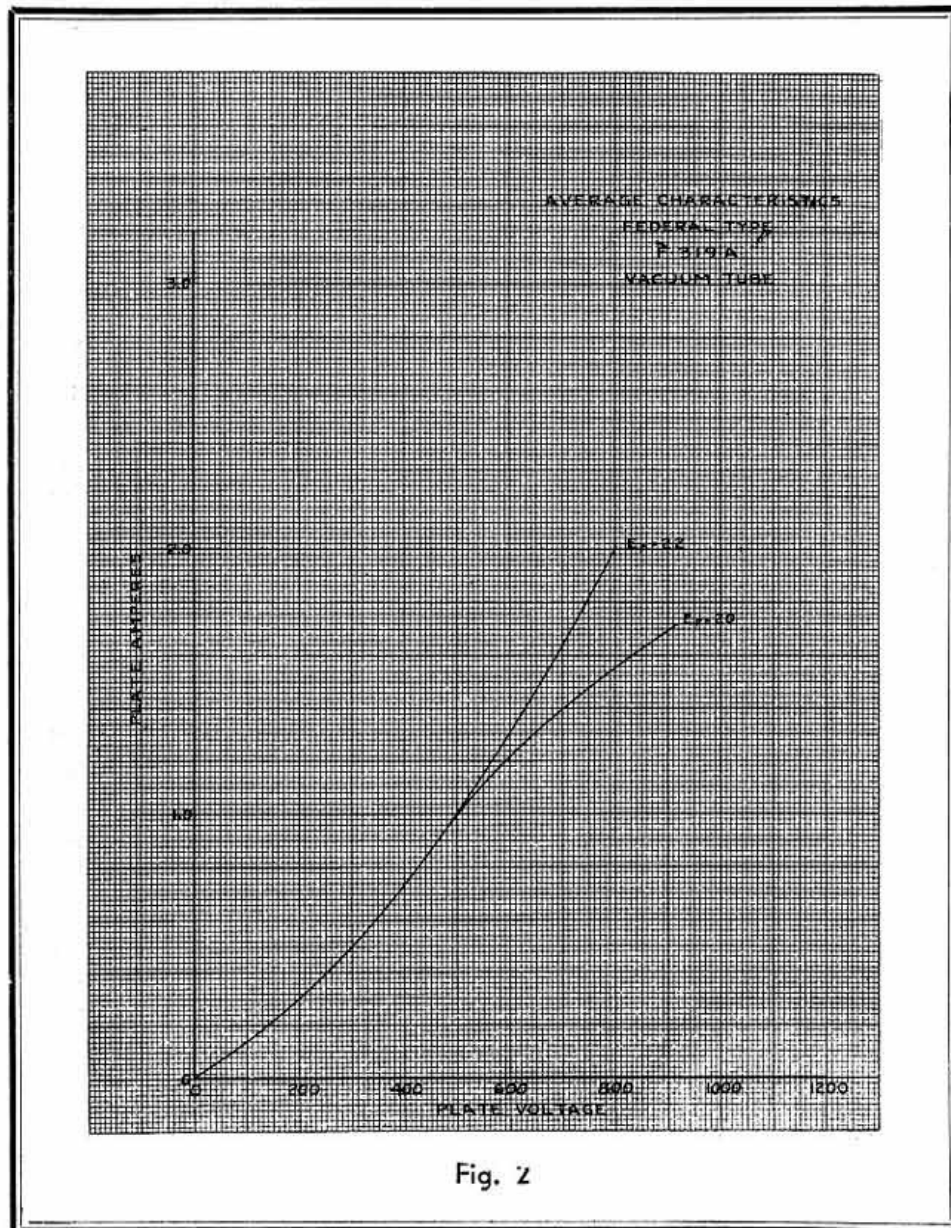
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200 Mt. Pleasant Ave.

Newark, N. J.

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Average Characteristics