

FEDERAL TELEGRAPH CO.

Rectifier Tube Type F-314-A

(Interchangeable with UV-214)

RATINGS AND DATA

Main Use	High Voltage Half Wave Rectifier
No. of Electrodes	2
Filament Voltage	22 volts
Current	52 amperes
Type	Tungsten
Maximum Peak Current	7.5 amperes
Maximum Peak Inverse Voltage	50,000 volts
Overall Dimensions	
Maximum Length	20 1/4 inches
Maximum Diameter	4-1/16 inches
Type Base	Standard
Mounting	Standard
Type of Cooling	Water
Water Jacket	Standard or Federal Type 1000A

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.

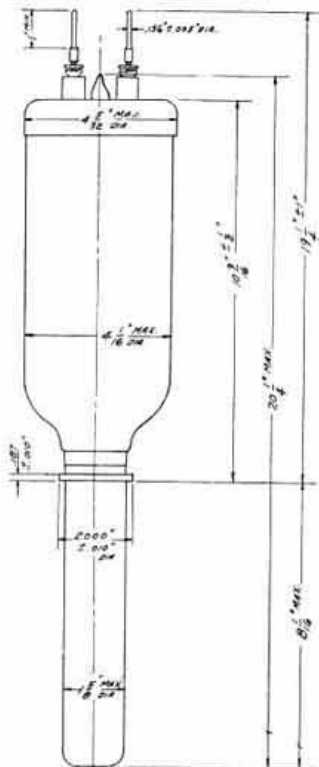
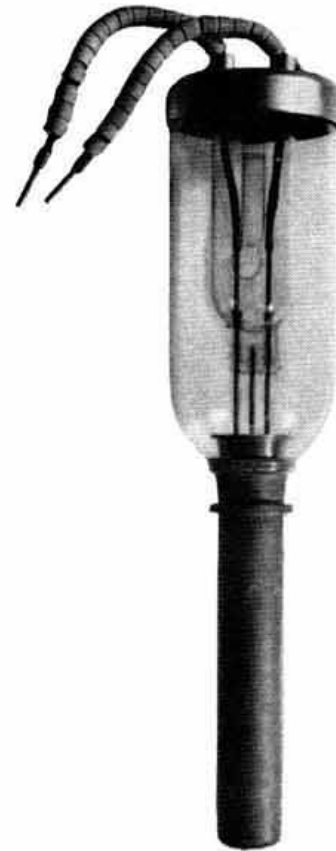


Fig. 1



The F-314-A is a water cooled thermionic rectifier tube highly recommended for use in rectifier circuits required to deliver high D.C. voltages and peak currents up to 7.5 amperes. Tipless stem assures perfect alignment of the filament within the anode.

FEDERAL TELEGRAPH CO.

200 Mt. Pleasant Ave.

Newark, N. J.

FEDERAL TELEGRAPH CO.

Type F-314-A Vacuum Tube

(Interchangeable with UV-214)

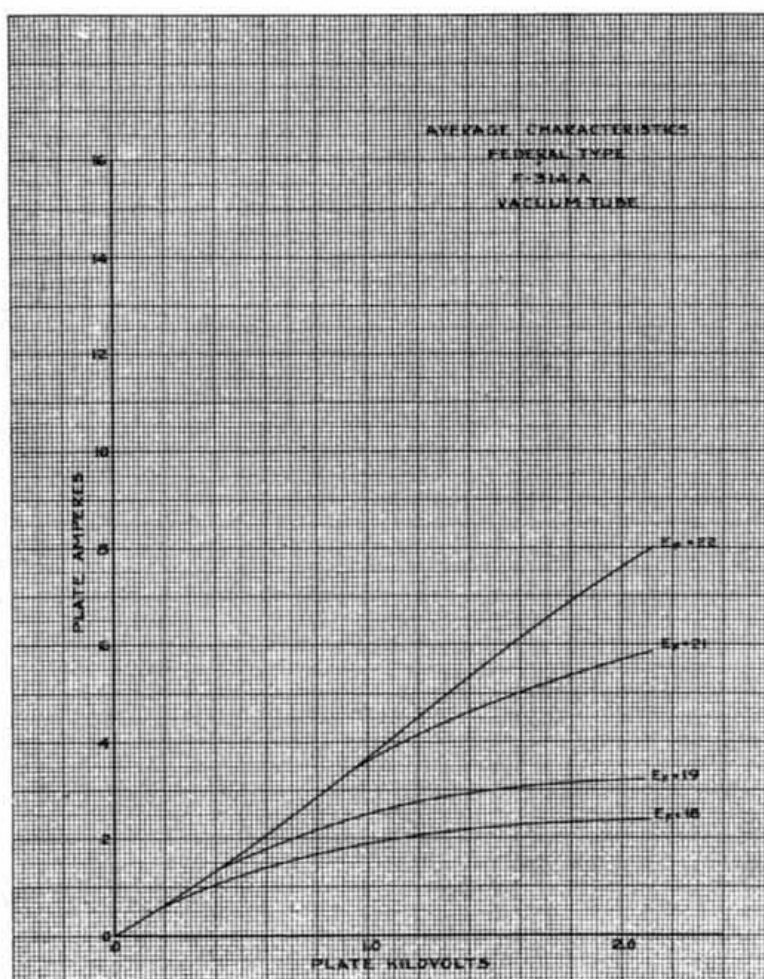


Fig. 2

Average Characteristics