

A bright emitter screen grid valve for transmitting having molybdenum electrodes.

On a telegraphic load as an amplifier of high frequency currents the input at wavelengths greater than 100 metres should not exceed 300 m.a. at 6000 volts D.C. At lesser wavelengths the input must be reduced.

APPROXIMATE DATA.

Fil. Volts.	17.
Fil. Current.	24 amperes.
Anode volts. max	6,000
Screen grid volts. max.	750.
Anode dissipation. max.	500 watts,
Mutual conductance.	4.6 mA/v.
(Measured at anode = 4000v.	250 m.a.
and. screen. 750 volts,	

It should be noted that the screen current may vary widely between valve and valve, and during the life of any individual valve. The screen potential should therefore be obtained from a direct supply tapping or from a suitably designed potentiometer, and not through a resistance in series with the anode supply.

