



Telefunken LS180 transmitting triode



The valve measures 150x50mm overall, plus the leads. It has a 4-pin base.

Grid and anode connections are to the pins; the filament is connected by the two fly-leads.

Filament voltage	6.1V
Filament current	15A
Anode voltage	1000V
Mutual conductance	5mA/V
Amplification factor	12.5
Anode dissipation	165W
Pulse anode voltage	8kV
Pulse anode current	4A
Max pulse output at 55cm	10kW
Max pulse output at 52cm	8kW

NB data shows the LS180 as capable of 10kW and 16kW pulse at 53cm in different radar equipment.

The markings on the valve are: LS180, Nr. S510084/4/45/08, Uh = V (the number is missing)





Internal view showing the filament connection. The spiral filament can just be seen above the Telefunken logo.



This file was last modified 14:53:38, Tuesday September 02, 2014