

## 710A – UHF Power Triode



Forced-air cooled 'micropup' UHF transmitting triode. External copper anode with finned radiator, parrot-cage grid supported by the long rod through the top glass dome. Thoriated-tungsten spiral filament.

Intended for frequencies up to 600 MHz.

8.2V at 7A filament.

This is the WE equivalent for British CV62 or [VT90](#), [8011](#) and [REL-1](#). The production of this tube is related to the production of airborne radar sets in America, all derived from the British ASV Mark II sample brought by the Tizard Mission. Waiting for the new centimetric radar sets to become operational, America decided to use the same metric radar already operating in Great Britain. American production was known as SCR-540, also known as Navy ASE, for installation aboard PBV Catalina and other large patrol aircraft. According to some sources, about six hundreds units were built by Western Electric. Bowen reports higher figures, with a production of some 7000 copies of ASV Mark II by Philco plus about 10000 sets built by Canadian REL. Maybe that he was referring to total ASV sets, also including ASB, or Signal Corps. SCR-521, which had been redesigned for use in lighter aircraft. Anyway it is reasonable to expect a Canadian production of sets similar to the original ASV Mark II. Also used in VHF/UHF radar jammers during WWII. The samples in the above picture were made by National Union for Western Electric. National Union also made its own production marked as 8011.