

702A / 702B – TR Tube



Disc-seal glass body TR, to be used inside an external cavity. Hydrogen-water vapor filled. It is the improved version of the 702A, the very early TR tube developed by Bell Labs and used in the TR box or duplexer of the Mark 3 and 4 radar sets. In these sets, operating at about 700 MHz, the transmitter used the WE 700A-D magnetron driven by four [WE 356A/B](#) triode modulators.

Western Electric and Sylvania known manufacturers.

The development of this device, derived from the resonating electrodes of a linear klystron in a water vapor atmosphere, is described in the [BSTJ, volume 25, issue 1, January 1946](#).