

## CV43 – TR Tube



This was the first S-band TR switch, 50 kW peak, derived from the body of the NR89 klystron. Using the same resonating cavity and the roughly same structure, the body was filled with few millimetres of water vapour and a radioactive activating compound painted inside the glass. Referred to as 'Soft Sutton tube', in the late 1942 its filling atmosphere was changed to a mixture of water vapour and argon, 6 mm Hg each.

Design details were sent to USA since late 1941.

[CV43](#) spec sheet.