

CV193 – S-Band TR Switch



Development of high power duplexer TR tubes started at E.K. Cole, GB, around the late 1941, when strapped magnetrons, as CV56 and CV64, became available. Prototypes of the TB cell, the one in the waveguide to the receiver, were ready around the mid-1942, while the approval as CV193 followed in 1943.

Operating frequency from 2940 to 3060 MHz. Maximum peak power 500 kW.
-800 volts keep alive through a 1 megaohm resistor.

[CV193](#) spec sheet.