

4C29 – Micropup UHF Transmitting Triode



[Click for photo gallery which includes samples from Rogers and from Central Sales Mfr.](#)

UHF power triode, micropup style, intended for pulsed operation. Indirectly heated, oxide-coated cathode. Rugged execution, with Y-pinched press supporting the cathode assembly. Also coded as 110E/695

12 kV peak plate voltage, 40 A peak current, 150 W plate dissipation with forced-air cooling, gain 22. Half-indirect cathode, 6 V at 6.5 A.

Looks very similar to [4C27](#) with flying wires to the filament replaced by a coaxial plug.

Registered in May 1944 to REL, Canada, RMA record [362](#). The samples in the photos above were made by Rogers.



- Click on image to enlarge

Recently, in January 2013, a new sample of this tube was added to the collection. Interesting enough, it was marked as JCNAAF – CBYS – 4C29, ‘Made in U.S.A. by Central Sales and Mfg. Corp.’, Date packed 1955. Even if the meaning of JCNAAF is not so clear, these letters suggest a sort of Joint Canadian Army and Air Forces. The manufacturer’s code, JCBS, is the same in use for US JAN tubes. We must then assume that there was an use of this tube, probably in some Canadian radar sets, since there was at least an alternate supplier to Rogers after the end of the war.



- Click on image to enlarge