

7C24 / 5762 – Transmitting Triode



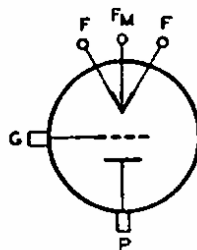
7C24 is a VHF power triode introduced in 1946 by RCA. It was intended for FM and TV transmitters at frequencies up to 110 MHz. Integral copper-finned radiator for forced-air cooling. Thoriated-tungsten filament, center-tapped and terminated to flying ribbon leads for low inductance. Flanged-ring grid for grounded-grid operation.

5762, also known in Europe as TY6-5000D, was an improved version, with more efficient radiator and operating frequency raised up to 216 MHz, that superseded the 7C24 since November 1948. The sample above comes with dual marking, 5762/7C24

Filament	12.6 V at 29 amps.
Plate dissipation	2 kW max - 7C24
	3 kW max - 5762

Copies of RMA records [487](#) and [712](#), both registered to RCA are attached.

TERMINAL CONNECTIONS



F : FILAMENT
FM: FILAMENT MID-TAP
G : GRID FLANGE
P : RADIATOR-COOLED PLATE