



Parameters of the Tubes, Data, Photo, pin-out, Curves...

[Home](#) :: [Tubes](#) :: [Sockets](#) :: [RVD](#) :: [Schemes](#) :: [Terms](#) :: [about](#) :: [links](#) ::

Search data of tubes:

[select](#)

[Please](#)

[see example.](#)

[Show all tubes](#)

Tube	ECL82
Sketch	
General parameters	
Measurement conditions	Uh=6.3V, Ua.triod=100V, Ug.triod=0 V, Ua.pent=200V, Ug1.pent=16 V, Ug2.pent=200V
Heater current	780 mA
Anode current	3.5 mA (triod), 35 mA (pent)
2nd Grid current	<7 mA (pent)
1st Grid back current	<0.5 mA (pent)
Mutual conductance	2.5 mA/V (triod), 6.4 mA/V (pent)
Gain coefficient	70 (triod)
Internal Resistance	20 MOhm (pent)
Interelectrode capacitance	
Input capacitance	2.7 (triod), 9.3 (pent) pF
Output capacitance	4 (triod), 8 (pent) pF
Transfer capacitance	4.5 (triod), <0.3 (pent) pF

Maximum of Parameters (upper bound)	
Heater (filament) voltage	5.7-6.9 V (triode) V
Anode voltage	300 V, in pulse 600 V (triode), 300 V, in pulse 2500 V, 900 V when turning on (pentode)
2nd Grid voltage	300 V, 550 V when turning on (pentode)
Anode power (dissipation)	0.5 W (triode), 7 W (pentode)
2nd Grid power (dissipation)	P2nd grid of pentode = 1.8 W
Resistance to Grid	3 MOhm (self-bias), 1 MOhm (fixed bias), (triode)
Resistance to 1st Grid	2 MOhm (self-bias), 1 MOhm (fixed bias), (pentode)
Cathode current	15 mA, in pulse 250 mA, (triode) 50 mA, (pentode)
Allowable outer temperature	-60+70 °C
Allowable vibrations	

gstube@gstube.com
ph/fx: +7 (903) 220-87-48