



ELECTRONIC TUBE REFERENCE

6G1

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode

TRANSCONDUCTANCE 0.0019 S

AMPLIFICATION FACTOR 16

Russian 6G1 shared-cathode double diode-triode, typical V_a 250 V V_g -9 V I_a 9 mA, μ 16 (14-18), gm 0.0019 A/V (0.0015-0.0023), anode power 2.75 W as reported without explicit maximum designation. Do not promote 250 V test point to max plate.

SECTION2 Diode

No fixed ratings recorded.

SECTION3 Diode

No fixed ratings recorded.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Russian Receiving

Published test conditions and operating points. Values on this page are preserved as reported by this source.

2026 RUSSIAN RECEIVING

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	—
Grid Voltage	-9 V	—
Plate Current	9 mA	—

TUBE TINKER

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