

ELECTRONIC TUBE REFERENCE

6ZH10BV

Voltage Pentode - High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

The 6ZH10BV is a high-durability Russian subminiature high-frequency pentode for signal amplification in specialized equipment. It combines compact flexible-lead construction with a 6.3-volt heater and approximately 5.3 mA/V transconductance, emphasizing mechanical robustness and dependable operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0053 S
MAXIMUM PLATE DISSIPATION	2.17 W

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 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	120 V	—
Screen Voltage	120 V	—
Plate Current	11 mA	—