



ELECTRONIC TUBE REFERENCE

UV260

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Russian traveling-wave tube; Uhf output amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 TravelingWave

No fixed ratings recorded.

Application: Uhf output amplification. Cathode type: Oxide, indirect heating; Output type: Coaxial; Envelope: Glass; Mass: 3.5kg; Cooling method: Forced water; Frequency range: 987 Mhz; Frequency range Minimum: 972 Mhz; Frequency range Maximum: 1002 Mhz; Output power: 50W; Gain: 27dB; Filament voltage, v: 12.6; Filament current, a: 0.7; Filament current, a Minimum: 0.5; Filament current, a Maximum: 0.9; First anode voltage, v: 2050; First anode voltage, v Minimum: 1900; First anode voltage, v Maximum: 2200; Slow-wave circuit voltage, v: 2050; Slow-wave circuit voltage, v Minimum: 1900; Slow-wave circuit voltage, v Maximum: 2200; Control electrode voltage, v: 51; Control electrode voltage, v Minimum: 2; Control electrode voltage, v Maximum: 100; Collector voltage, v: 1500; Collector voltage, v Minimum: 1400; Collector voltage, v Maximum: 1600; External loading agreement coefficient: 1.7



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Russian Traveling Wave

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

2026 RUSSIAN TRAVELING WAVE

Section 1 · TravelingWave

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	972–1002 Mhz	frequency range
SlowWaveStructureVoltage	1900–2200 V	slow-wave circuit voltage, v
FirstAnodeVoltage	1900–2200 V	first anode voltage, v
OutputPower	50 W	output power
Gain	27 dB	gain

TUBE TINKER

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