

ELECTRONIC TUBE REFERENCE

286A

Voltage Pentode - Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Western Electric variable-mu suppressor-grid pentode for high-frequency or audio-frequency voltage amplification and modulation. Its controlled characteristic permits gain variation while supporting a broader range of signal and modulation applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	2 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	700000 Ω
TRANSCONDUCTANCE	0.0012 S
AMPLIFICATION FACTOR	850
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	75 V
MAXIMUM HEATER-CATHODE VOLTAGE	90 V
Typical characteristics at Eb=180 V, Ec2=75 V, Ec3=0 V, Ec1=-1.5 V.	

Variable-mu voltage-amplifier suppressor-grid pentode with indirectly heated cathode for high-frequency or audio-frequency amplification and modulation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 200s

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

2026 WESTERN ELECTRIC 200S

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	6.2 mA	E _b =180V
Screen Grid Current	1.6 mA	E _b =180V

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control Grid to Plate Capacitance	0.004 pF	—
Suppressor Grid to Plate Capacitance	1.7 pF	—
Plate to Heater Cathode and Screen Grid Capacitance	12.2 pF	—
Control Grid to Suppressor Grid Capacitance	0.06 pF	—
Control Grid to Heater Cathode and Screen Grid Capacitance	6.3 pF	—
Suppressor Grid to Heater Cathode and Screen Grid Capacitance	7 pF	—