

416A

Power - Triode Single (under 10W) electronic tube

Disc-seal planar triode for microwave amplification or frequency multiplication at frequencies around 4 GHz.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	260 V
MAXIMUM PLATE DISSIPATION	7.5 W
MAXIMUM CATHODE CURRENT	33 mA
Promoted fields mapped from printed maximum-rating and characteristic headings; additional published values preserved in parameter rows.	

Disc-seal planar triode for amplifier or frequency-multiplier use at frequencies around 4000 megacycles.



SOURCE OPERATING CONDITIONS

SOURCE PDF

2026 Western Electric 400s

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

2026 WESTERN ELECTRIC 400S

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage cveevsnvcvnnns P	260 volts	Plate Voltage cveevsnvcvnnns P 260 volts
Grid Voltage sussennsnrornnnnsasatosancscsasinsssisecseasaonssssnns	1 volt	Grid Voltage sussennsnrornnnnsasatosancscsasinsssisecseasaonssssnns +1.0 volt
Plate Seal Temperature cvsearerteossoastassasessasoorasrsonsnrcssanss	1259 Centigrade	Plate Seal Temperature cvsearerteossoastassasessasoorasrsonsnrcssanss 1259 Centigrade
Grid Seal Temperature svsenssnenssrannsnraostessnsasssrosansnonneane	100 Centigrade	Grid Seal Temperature svsenssnenssrannsnraostessnsasssrosansnonneane 100° Centigrade

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate DisSipation sueevevesessssssrasnsnoararsannananrstaransnnnnns	7.5 watts	Plate DisSipation sueevevesessssssrasnsnoararsannananrstaransnnnnns 7.5 watts

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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