

ELECTRONIC TUBE REFERENCE

376C

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Western Electric high-current inert-gas cold-cathode tube for rectifier, relay, regulator, triggering, counting, and switching circuits. Its control function extends well beyond ordinary power rectification.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM CATHODE CURRENT	70 mA
Forward peak anode voltage 275 V; maximum average forward cathode current 70 mA.	

The 376C is a three-electrode inert-gas-filled cold-cathode tube for relay, voltage-regulator or rectifier circuits, especially triggering, counting or switching applications requiring a high-current-rated tube.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 300s

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

2026 WESTERN ELECTRIC 300S

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
InversePeakAnodeVoltage	200 V	—
ForwardPeakAnodeVoltage	275 V	—
PeakForwardCathodeCurrent	200 mA	—
InversePeakAnodeCurrent	5 mA	—
PeakStarterCurrentForward	100 mA	—
PeakStarterCurrentInverse	1 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
StarterBreakdownVoltage	75 V	Bogey; Min=67 V; Max=85 V
StarterVoltageDrop	60 V	20 mA; Bogey
Anode Voltage Drop	70 V	30 mA; Bogey
IonizationTimeStarterGap	2 ms	Bogey
DeionizationTimeMainGap	3 ms	Approximate; Bogey

TUBE TINKER

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and their source documents.

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