



ELECTRONIC TUBE REFERENCE

358A

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Cold-cathode glow visual-signal tube rather than a conventional power rectifier. Its gas-discharge construction is intended to provide a visible indication or signaling function without a heater supply.

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

SECTION 1 Rectifier	
MAXIMUM CATHODE CURRENT	18 mA
<i>Cold-cathode visual signal tube; 18 mA is the published maximum average cathode-current rating.</i>	

The 358A is a two-electrode inert-gas-filled cold-cathode tube designed to provide a visual signal in telephone work; its glow appears near the negative electrode.

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
Maximum Peak Cathode Current	35 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Breakdown Voltage	—85 V	Bogey
Anode Voltage Drop	—75 V	Bogey
LightOutput	0.6 lumen	15 mA DC