



ELECTRONIC TUBE REFERENCE

DY900

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Low-filament-power high-voltage half-wave rectifier for television flyback/EHT service. It converts horizontal-output transformer pulses into the CRT accelerating supply while minimizing isolated heater-power requirements.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.4 V / 170 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	19500 V
NOMINAL OUTPUT CURRENT	0.45 mA
PEAK FORWARD CURRENT	10 mA
<i>Television EHT half-wave/flyback rectifier.</i>	

The Telefunken DY900 is a high-voltage half-wave rectifier for television flyback/EHT supplies.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Inverse Voltage	19500 V	FlybackPulse
DC Output Current	0.45 mA	—
Peak Current	10 mA	FlybackPulse

TUBE TINKER

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