



ELECTRONIC TUBE REFERENCE

U52

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Half-wave rectifier for electronic power-supply service, with manufacturer documentation defining its voltage, current, and intended operating conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 2.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1430 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	770 mA

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1430 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	770 mA

The Marconi U52 is a directly heated bi-phase half-wave rectifier for capacitor-input power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament current	2.25 A	—
Peak inverse voltage	1430 V	—
Nominal/maximum output current	250 mA	—
Peak anode current	770 mA	—

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Rectifier topology	Bi-phase/full-wave	—