

ELECTRONIC TUBE REFERENCE

TT10

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Marconi beam transmitting tetrode for substantial HF power-amplifier and oscillator service, with 100 W plate dissipation, 2 kV capability, and Class-B/Class-C operating data.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.0075 S
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	100 W
MAXIMUM SCREEN DISSIPATION	22 W
Published maximum ratings and characteristics audited; remaining useful numerical data retained in parameter table.	

The TT10 is a beam transmitting tetrode for HF radio-frequency power-amplifier and oscillator service.

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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
(	1 W	(1) HF POWER AMPLIFIER AND Typical Operation
Pa [1]	100 W	Pa 100 (3 HF POWER AMPLIFIER. CLASS C
Pa [2]	3 W	Pa 100 (3 HF POWER AMPLIFIER. CLASS C
(	2 W	(2) HF POWER AMPLIFIER. CLASS C Typical Operation
(Grid-modulated, one valve, carrier conditions, Va [1]	1250	(Grid-modulated, one valve, carrier conditions, Va 1,250 1,600
(Grid-modulated, one valve, carrier conditions, Va [2]	1600	(Grid-modulated, one valve, carrier conditions, Va 1,250 1,600
(	4 W	(4) HF POWER AMPLIFIER. CLASS B Typical Operation

TUBE TINKER

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