



ELECTRONIC TUBE REFERENCE

P17W

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Rugged beam tetrode for audio/RF power amplification, modulation, and oscillator service, producing roughly 30–40 W below 60 MHz in communications equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 900 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
MAXIMUM PLATE DISSIPATION	25 W
<i>RF/AF beam-power tetrode.</i>	

The P17W is a rugged beam tetrode for power amplification, modulation, and oscillator service, producing roughly 30–40 W below 60 MHz.

SOURCE OPERATING CONDITIONS

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	900 mA	—
Full-Power Frequency Limit	60 MHz	Approximate
Half-Power Frequency	125 MHz	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Natural-Cooling Plate Dissipation	25 W	—
Useful Output Power Minimum	30 W	Below 60MHz
Useful Output Power Maximum	40 W	Below 60MHz

TUBE TINKER

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