



ELECTRONIC TUBE REFERENCE

3E22

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

BEAMPOWER-BEAMPOWER

Twin beam-power transmitting tube designed for push-pull RF power-amplifier and oscillator service in mobile equipment, with full ratings through approximately 15 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.6 A	PARALLEL HEATER	6.3 V / 1.6 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM SCREEN VOLTAGE	225 V
MAXIMUM PLATE DISSIPATION	35 W
Two identical beam-power units; represented once under identical-section compression.	

SECTION2 Beam Power	
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM SCREEN VOLTAGE	225 V
MAXIMUM PLATE DISSIPATION	35 W
Identical second physical BeamPower section; duplicated from representative section per physical-section-row policy.	

Twin beam-power tube for push-pull mobile RF amplifier and oscillator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 RCA Transmitting Tubes

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

1956 RCA TRANSMITTING TUBES

Section 1 · Beam Power

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service	Push-pull RF power amplifier / oscillator	PushPull

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum full-rating frequency	15 MHz	—