

Communications & Power Industries Tetrode



The 4CX15,000A/8281 is intended for use in audio or radio frequency applications. It features a new type of internal mechanical structure which results in high RF operating efficiency. Low RF losses in this mechanical structure permit operation of the 4CX - 15,000A/8281 at full ratings up to 110 MHz and at reduced ratings to 225 MHz.

FEATURES:

Maximum plate dissipation:	15,000 W
Maximum screen dissipation:	450 W
Maximum grid dissipation:	200 W
Frequency for max rating (CW):	110 MHz
Amplification factor:	4.5
Filament/cathode:	Thoriated tungsten
Voltage:	6.3 V
Current:	160 A
Capacitance:	Grounded cathode
Input:	160.5 pf
Output:	24.5 pf
Feedthrough:	1.5 pf
Capacitance:	Grounded grid
Input:	67 pf
Output:	25.5 pf
Feedthrough:	0.2 pf
Cooling:	Forced air
Base:	Special, coaxial
Air socket:	SK-300A
Air chimney:	SK-316
Boiler:	---
Length:	9.38 in/238 mm
Diameter:	7.58 in/193 mm
Weight:	12.8 lb/5.8 kg

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Communications
- Industrial