

Communications & Power Industries Tetrode



The 4CX10,000D/8171 is identical to the 4CX5000A/8170 except for its rated plate dissipation. Its increased capability, resulting in a larger cooler, is most useful in linear applications where plate dissipation is generally the limiting factor. The larger cooler also allows the 4CX10,000D/8171 to be used in place of the 4CX5000A/8170 with cooler operation at any given air flow rate.

FEATURES:

Maximum plate dissipation:	10,000 W
Maximum screen dissipation:	250 W
Maximum grid dissipation:	75 W
Frequency for max rating (CW):	110 MHz
Amplification factor:	4.5
Filament/cathode:	Thoriated tungsten
Voltage:	7.5 V
Current:	75.0 A
Capacitance:	Grounded cathode
Input:	115.0 pf
Output:	20.5 pf
Feedthrough:	0.7 pf
Capacitance:	Grounded grid
Input:	53.0 pf
Output:	20.5 pf
Feedthrough:	0.1 pf
Cooling:	Forced air
Base:	Special, coaxial
Air socket:	SK-300A
Air chimney:	SK-1306
Boiler:	---
Length:	9.13 in/232.00 mm
Diameter:	7.05 in/179.00 mm
Weight:	12.0 lb/5.50 kg

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Communications
- Industrial