

## Communications & Power Industries Tetrode



The 4CX10,000J has a rated maximum plate dissipation of 12 kW. It incorporates rugged internal construction features including a mesh filament. The 4CX10,000J is specifically designed for low intermodulation distortion in radio frequency linear amplifier service.

### FEATURES:

Maximum plate dissipation:	12,000 W
Maximum screen dissipation:	250 W
Maximum grid dissipation:	75 W
Frequency for max rating (CW):	100 MHz
Amplification factor:	4.5
Filament/cathode:	Thoriated tungsten
Voltage:	7.5 V
Current:	103 A
Capacitance:	Grounded cathode
Input:	120.0 pf
Output:	20.5 pf
Feedthrough:	0.7 pf
Capacitance:	Grounded grid
Input:	56.0 pf
Output:	21.5 pf
Feedthrough:	0.1 pf
Cooling:	Forced air
Base:	Special, coaxial
Air socket:	SK-300A
Air chimney:	SK-1306
Boiler:	---
Length:	9.125 in/231.77 mm
Diameter:	7.05 in/179.07 mm
Weight:	12.2 lb/5.55 kg

### BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

### APPLICATIONS:

- Communications