The YC-130 broadcast tetrode is externally identical to the 4CX15,000A/8281. Internal construction features a mesh filament and Y - 3 wire grids. The mesh filament is particularly well suited to FM service at 108 MHz due to reduced filament inductance. The YC-130 filament operates at 7.5 volts.


CHARACTERISTICS
Plate Dissipation (Max.)
Screen Dissipation (Max.)
Grid Dissipation (Max.)
Frequency for Max. rating (CW)
Amplification Factor
Filament/Cathode
Voltage
Current
Capacitance
Input
Output
Feedthrough
Capacitance
Input
Output
Feedthrough
Cooling
Base
Air Socket
Air Chimney
Boiler
Length
Diameter
Weight

18,000 Watts
450 Watts
200 Watts
110 MHz
4.5

Thoriated Tungsten
7.5 Volts

160 Amps
Grounded Cathode
160.5 pf
26.5 pf
1.5 pf

Grounded Grid
67.0 pf
27.5 pf
0.2 pf

Forced Air
Special, Coaxial
SK-300A
SK-316
N/A
$9.38 \mathrm{in} ; 238.00 \mathrm{~mm}$
$7.58 \mathrm{in} ; 193.00 \mathrm{~mm}$
$12.8 \mathrm{lb} ; 5.80 \mathrm{~kg}$

|  |  | MAXIMUM RATINGS |  | TYPICAL OPERATION |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

For information on this and other CPI MPP products, visit our website at: www.cpii.com,
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