



# Advanced Test Equipment Rentals

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## IFI TCCX2500 Tetrode Tube Amplifier Specifications

Frequency Range:	.01-220 MHz
Rated Output Power:	.01-200MHz; 2500 Watts minimum 201-220MHz; 1500 Watts nominal
Gain @ Rated Power:	64 dB
Linear Power:	.01-200MHz; 1800 Watts minimum; 2000 Watts nominal 201-220MHz; 800 Watts minimum; 1000 Watts nominal
Prime Power:	120/208 VAC +/-10%, 50/60 Hz, Three Phase
Input/Output Impedance:	50 ohms (VSWR 2.0:1)
RF Input/Output Connectors:	Type N-F / Type 7/16 Female
Temperature:	0° to 50° C
Non-operating Temp:	-20° to 70° C
Humidity:	95% without condensation
Altitude:	10,000 feet
Cooling System:	Air cooled, self contained
Modulation:	AM/FM/Pulse
Configuration:	Cabinet; 33"W x 40"D x 62"PS, excluding wheels and lifting rings
Spurious:	-50dBc
Harmonics:	-20dBc minimum @ Linear Power
	<p>Features:</p> <p>VSWR Protection against any output mismatch; will operate without damage or oscillation against any magnitude and phase of source and load impedance.  <b>Amplifier does not foldback under any conditions.</b></p> <p>GPIB IEEE 488, RS232 &amp; Ethernet Remote Control</p> <p>Forward RF Sample Port on the Front Panel, -60dBc nominal, Type N-F</p> <p>Reverse RF Sample Port on the Front Panel, -60dBc nominal, Type N-F</p> <p>Internal Pre-amplification to obtain rated output power with an input level of 0dBm or less.</p> <p>Local/Remote Gain Control</p> <p>RF Input Connector Type N(f) on the Front Panel</p> <p>RF Output Connector 7/16 DIN (f) on the Rear Panel</p> <p>Internal Systems Diagnostics</p> <p>ALC, Automatic Leveling Control</p> <p>Total/Operate Elapsed Time Metering in hours</p> <p>RF Safety Interlock, Type BNC Connector</p> <p>Forward/Reflected Power Indication simultaneously on Front Panel display</p>

Note: Datasheet reflects Advanced Test Equipment custom configuration dated 11/22/2010 – Features/Specification Subject to Change without Notice – Verify when placing order.