

CENTRAL ELECTRONIC MANUFACTURERS  
2 RICHWOOD PLACE  
DENVER, NEW JERSEY

PRE-PROVISIONAL  
TECHNICAL SPECIFICATIONS  
FOR  
XD-55

The Central XD-55 is a completely oil immersed tetrode with forced oil circulation, having a thoriated tungsten filament specifically designed for pulse service as a hard tube modulator or switch tube.

Heater Voltage                    10.0 V.  
Heater Current                    350 Amps  
Amplification Factor            50

$E_{bb} = 180 \text{ Kv.}$      $E_{cc} = -3.6 \text{ Kv.}$

Interelectrode Capacitance  
  anode to cathode            25 uuf  
  anode to grid                2 uuf  
  cathode to grid              300 uuf

Mounting Position - Vertical  
Maximum Altitude            10,000 ft.

**MAXIMUM RATINGS**

Anode Voltage                    180 Kv.  
Estimated Tube Drop            30 Kv.  
Peak Anode Current            130 A.  
Average Anode Current        400 mA.  
Anode Dissipation              25 Kw.  
Maximum Duty                    .003  
Peak Cathode Current          175A.  
Maximum Pulse Width          12 u sec.

