This unit is a high voltage pulse-forming network, which is used in the E-2C Hawkeye Airborne Surveillance Radar. The unit forms a part of the E-Line modulator for the Coaxitron radar transmitter.

**Specifications**

**Electrical Specifications**
- **Pulse Width**: 12.8 microseconds
- **Pulse repetition Rate**: 285 to 305 pps
- **Peak Charging Voltage**: 12.2 KV maximum
- **Pulse rise time**: .7 microseconds maximum
- **Pulse fall time**: 2.1 microseconds maximum
- **Pulse Droop**: 4% maximum
- **Ripple on pulse**: 5% peak to peak

**Mechanical Specifications**
- **Weight**: 115 lbs.
- **Size**: 15” x 18” x 10”
- **Operating Temp**: -54 to +71°C
- **Liquid Cooled**: FC-77 11.6 GPM

**Features:**
- Full MIL-E-5400H Class 1 Environment, 35,000 foot altitude
- 22,000 hour MTBF