

7-8001

CHELTON

Antenna Switching Unit for Tuneable Antennas

Key features:

- Automatic switching between tuneable antennas
- Fast response time
- Reduced pilot workload

The 7-8001 ASU consists of a dual logic control unit (LCU) combined with an RF switch.

The ASU offers the capability to switch the RF and tuning control information from a pair of U/VHF radios to a pair of Chelton frequency agile tuneable antennas, either under manual control via the ASU command interface or automatically on a timed interval.

ELECTRICAL

Impedance	50 Ω
VSWR	<1.33:1 30-400MHz <1.35:1 400-500MHz
Gain	30-200MHz > -1.2 200-400MHz > -1.4 400-500MHz > -1.8

MECHANICAL

Dimensions (LxWxH)	160 x 201 x 85 (mm)
Weight	2.15 kg
Connector	N Female TNC Female

ENVIRONMENTAL

Continuous Operating Temperature	- 40°C Min + 71°C Max
Vibration	MIL-STD-810G Method 514.7 Procedure I Cat 12

