

## Parameters Acom 2000SW Antennaswitch

- Operating frequency range: 0.1 to 60MHz continuously.
- Rated power (continuous): for 0.1 to 30MHz:  
5000W @ VSWR1:1  
2500W @ VSWR 2:1  
1600W @ VSWR 3:1

up to 60MHz:

- 3600W @ VSWR 1:1
- 1800W @ VSWR 2:1
- 1200W @ VSWR 3:1

Characteristic impedance: 50 Ohm unbalanced, UHF type SO239A PTFE connectors.

- Mismatch VSWR:  
for 0.1 to 2MHz - better than 1.02:1  
up to 30MHz - better than 1.08:1  
up to 60MHz - better than 1.20:1.
- Crosstalk isolation: for 0.1 to 2MHz - better than -100dB  
up to 30MHz - better than -70dB  
up to 60MHz - better than -66dB.
- Operating time: less than 0.15 seconds, including bounces.
- Parallel input/output control: 4 - bit BCD input code (positive or inverted - internally selectable), plus RDY output signal.  
-logical "low" input: -1...+1.25V, 1.2kOhm input resistance;  
-logical "high" input: +7.5...+18V, 1.2kOhm input resistance;  
-logical "low" output: 0...+1V, 15mA drive, 60mA sink;  
-logical "high" output: +20...+30V, 1.2kOhm output resistance.
- Power Supply: +(24...31)V DC, 150mA maximum consumption. i) Size & Weight (operating): 160mm diameter, 105mm height, 1.9kg.
- Operating temperature range: -30...+60 degs. Celsius. Protection degree: IP53 (dust and rain).

## Functions

- Switching capacity: 10 antennas to 1 output. b) Anti - hot switching self - protected.
- Ready to transmit output signal.
- Unused antennas grounding (all antennas when not powered).
- Shipping Size and Weight W178mm x D194mm x H182mm, 2.5kg (4kg when purchased with automatic antenna selector ACOM2000S).
- Shipping environments: all types of transportation, including aircraft baggage section.