

PLL 800 DATASHEET



AERONS (INDIA)



System Specifications

Frequency Range

UHF 620-680MHz

Oscillation Mode

Quartz Controlled Fixed
Frequency

Frequency Stability

$\pm 0.005\%$

Dynamic Range

$> 110\text{dB}$

Maximum Frequency Deviation

$\pm 45\text{KHz}$

Frequency Response

60Hz-18KHz ($\pm 3\text{dB}$)

S/N

$> 105\text{dB}$

T.H.D

$\leq 0.5\%$

Receiver Specifications

Wireless Interface

BNC/50W Ω

Sensitivity

12dB (80dB/S/N)

Spur Suppression

$> 80\text{dB}$

Power Supply

DC 11-16V (rated 12V) ,
500mA

Transmitter Specifications

Output power

10mW

Spur Suppression

-60dB

Power supply

2x1.5V AA battery

Battery life

less than 10 hours