

INT-9916 Tunable Microwave Upconverter Specifications

Input:

Frequency: 70 or 140 MHz (auto-selected)
Power: -20dBm
Bandwidth: 40 MHz
Impedance: 50Ω
Connector: BNC

Output:

Frequencies: Tunable, (5.8 GHz to 6.9GHz)
Tuning step: 1MHz
Power: -10dBm to 0dBm (fixed gain through the unit)
Impedance: 50Ω
Connector: SMA
Phase noise: 1°peak-to-peak
Frequency stability approximately 1ppm
Ext Freq Ref: 10 MHz

Power: Input: 110 / 240 V_{AC} or 9 – 18 VDC switch selectable
Output: +5V_{DC} @ 0.8A
Connectors: AC In = IEC standard for AC power cord
DC In = 3 Pin Lemo style
DC Out = 3 Pin Lemo style

Front Panel: On/Off switch
Frequency select switch
Frequency display

Remote Control: RS-232C
19,200 bps, 1 start, 2 stop, no parity
DB-9 Female (pin assignments for direct cable to PC COMM port)

Mechanical: Half wide for 19" RETMA rack, 1U high, 20" deep