



# Auto Up-Link Power Controller

## Model No: JC-SC-UL15

Jisnu's AUPC is a micro controller based system which is used to control the Up-link power proportional to the attenuation experienced in the received signal strength. The unit accepts L-Band Signal (950 to 2050 MHz) from the Modem in the Down-Link chain and AGC voltage from the Beacon Tracking Receiver depending on which it adjusts the level in Up-Link chain. Optionally it accepts Eb/No instead of AGC for level correction. The level adjustment is possible upto 20 dB in steps of 0.1 dB to 0.5 dB (selectable), used in C, Ext-C, Ku and Ka Band uplink transmission Stations.



### Features

- Covers complete L band Range (950 MHz to 2050MHz)
- User selectable rain attenuation range 10 dB/20 dB
- Failsafe path
- Automatic correction of rain fading in Ku & Ka band
- Ethernet for remote application



### Technical

Input Frequency	: 950 to 2050 MHZ
Input Range	: -10 to -35 dBm
Nominal Input	: -20dBm
Output (at Nominal Input)	: -20 to -10 dBm for 10 dB Attn. -20 to 0 dBm for 20 dB Attn.
Input Damage Level	: +10 dBm
Output 1 dB Compression	: +10 dBm
Ref. Level Set (Eb/No)	: 0 to 19.9 dB
Analog Voltage	: 0 to 10Volts
Attenuation Range	: 10dB / 20 dB (selectable)
Attenuation Step	: 0.1 to 0.5 dB, (Selectable)
Input / Output Connectors	: N (F)
Input / Output Impedance	: 50 ohms
	: Ethernet or Ethernet (SNMP) Optional

### Physical & Environmental

• Power	: 230V AC 50Hz
• Size in mm	: 485 L X310 D X 88 H
• Weight	: 4.5 kgs
• Mounting	: 19" 2U Rack Mount
• Operating Temp	: 0 deg C to + 50 deg C
• Storage Temp	: -10 deg C to + 60 deg C
• Humidity	: upto 90% condensing

Contact Us

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