



# ULC-1-50-6

## Universal LNB Controller 6-Band

Reference: 1: 10 MHz Reference

Connector Type: N: 50 Ohm

Control Switch Control & Line Length

Interface Option: Compensation with Switch



### KEY SPECIFICATIONS

|                  |   |
|------------------|---|
| Control Signal   | Switch Control & Line Length Compensation with Switch |
| Reference Signal | 10MHz internal  |
| Tone Amplitude   | 0.55 ~ 0.9 vpp  |
| Tone Frequency   | 20 ~ 24 kHz   |

### ELECTRICAL SPECIFICATIONS

|                     |                 |
|---------------------|-----------------|
| Current Consumption | 1100 mA max.    |
| Output Current      | 500 mA max.     |
| Power Requirements  | +23 to +25 V DC |

### INTERFACE SPECIFICATIONS

|                              |   |
|------------------------------|---|
| Connector                    | N-Connector   |
| Control Interface            | Switch Control & Line Length Compensation with Switch |
| LLC Line Length Compensation | +1 VDC (Switch)                                       |
| RF Input Connector           | 50 Ohm N Connector                                    |

### ENVIRONMENTAL SPECIFICATIONS

|                         |                |
|-------------------------|----------------|
| IP Rating               | IP 65          |
| Temperature Operational | -40°C to +60°C |

### PHYSICAL SPECIFICATIONS

|                |         |
|----------------|---------|
| Product Height | 30 mm   |
| Product Length | 130 mm  |
| Product Weight | 0.85 kg |



Product Width 120 mm

## LOGISTICS SPECIFICATIONS

| HS Code    | Country of Origin             | Ex Works             | ECCN Number | Unit Package |
|------------|-------------------------------|----------------------|-------------|--------------|
| 8517690000 | Made in the Republic of Korea | Richmond, BC, Canada | EAR99       |              |

## HOW TO ORDER

### ULC-0-50-CL-6

UNIVERSAL LNB CONTROLLER

6-BAND SWITCHING

CONTROL INTERFACE OPTION

CONNECTOR TYPE

REFERENCE

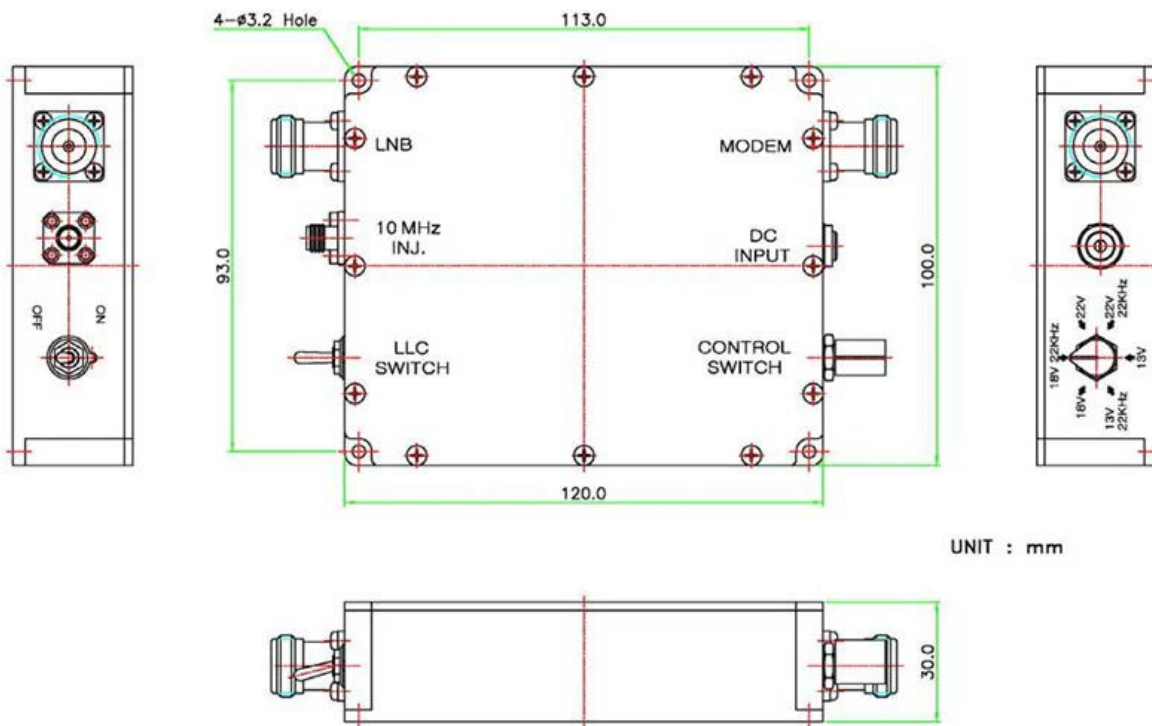
Blank: Switch Control & Line Length Compensation with Switch  
CL: Control Interface Cable & Line Length Compensation with Switch

75: 75 Ohm F Connector  
50: 50 Ohm N Connector  
50s: 50 Ohm SMA Connector

0: No reference  
1: 10 MHz reference  
2S: 10 MHz injection port, SMA connector

## MECHANICAL DIAGRAMS

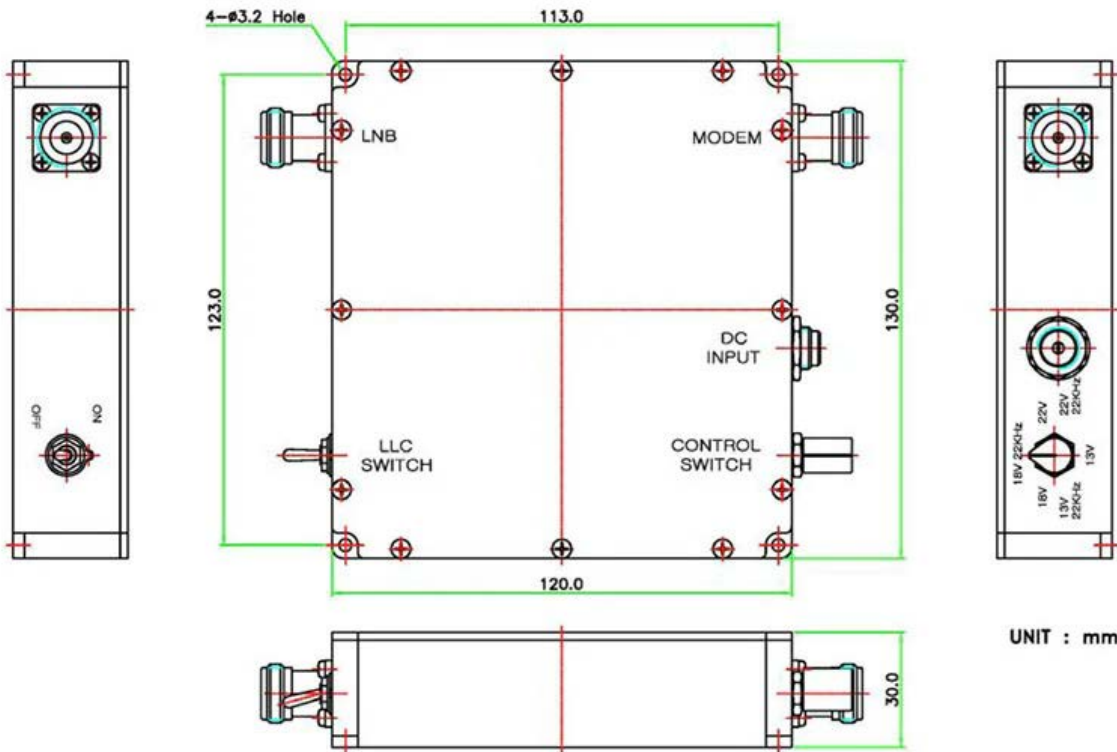
### 10 MHz injection port, SMA connector (Switch Control)



UNIT : mm

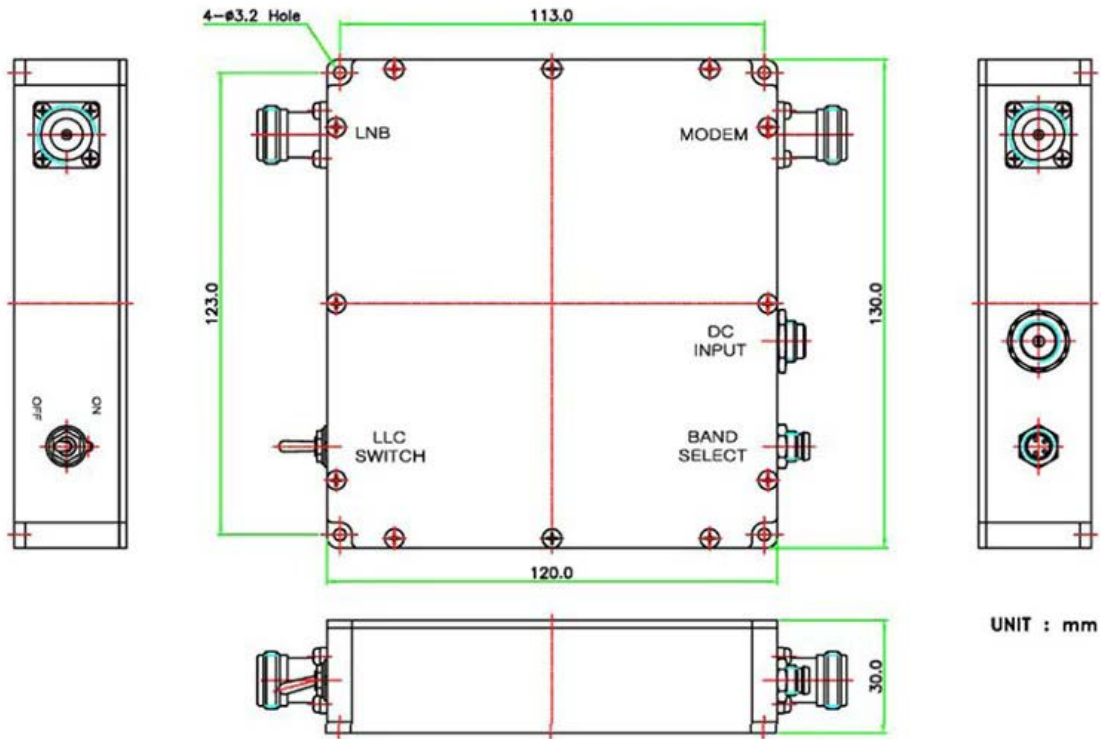


## 10 MHz reference (Switch Control)



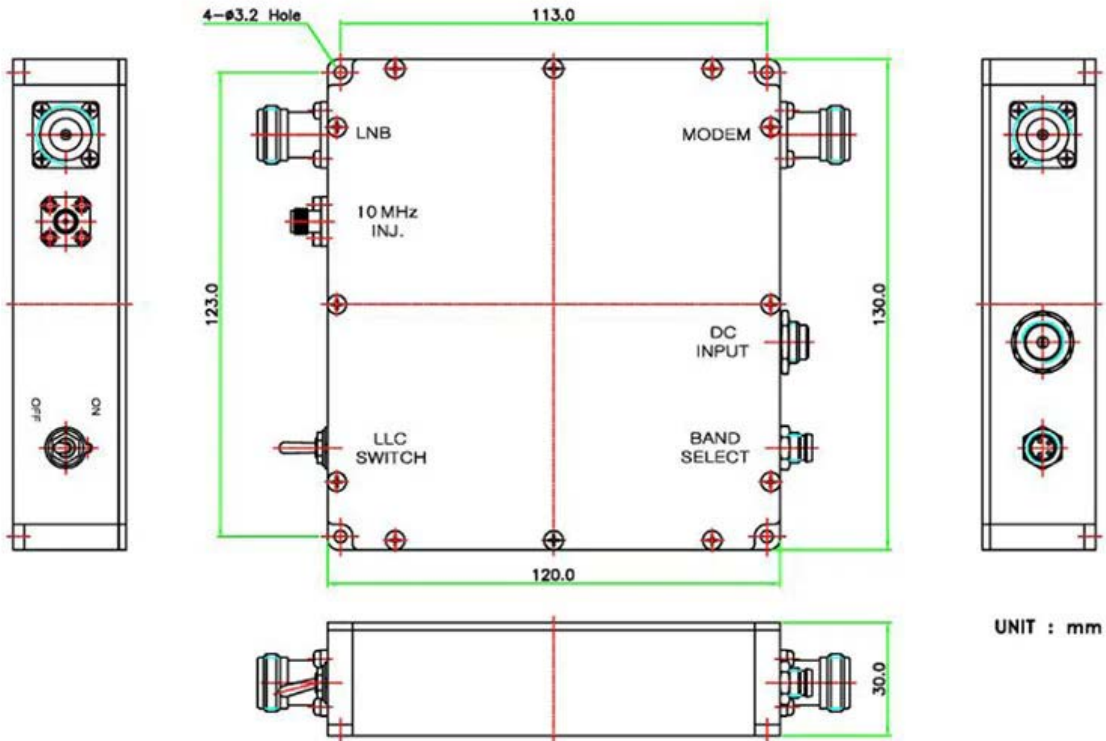


No reference or 10 MHz reference (Control Interface Cable)



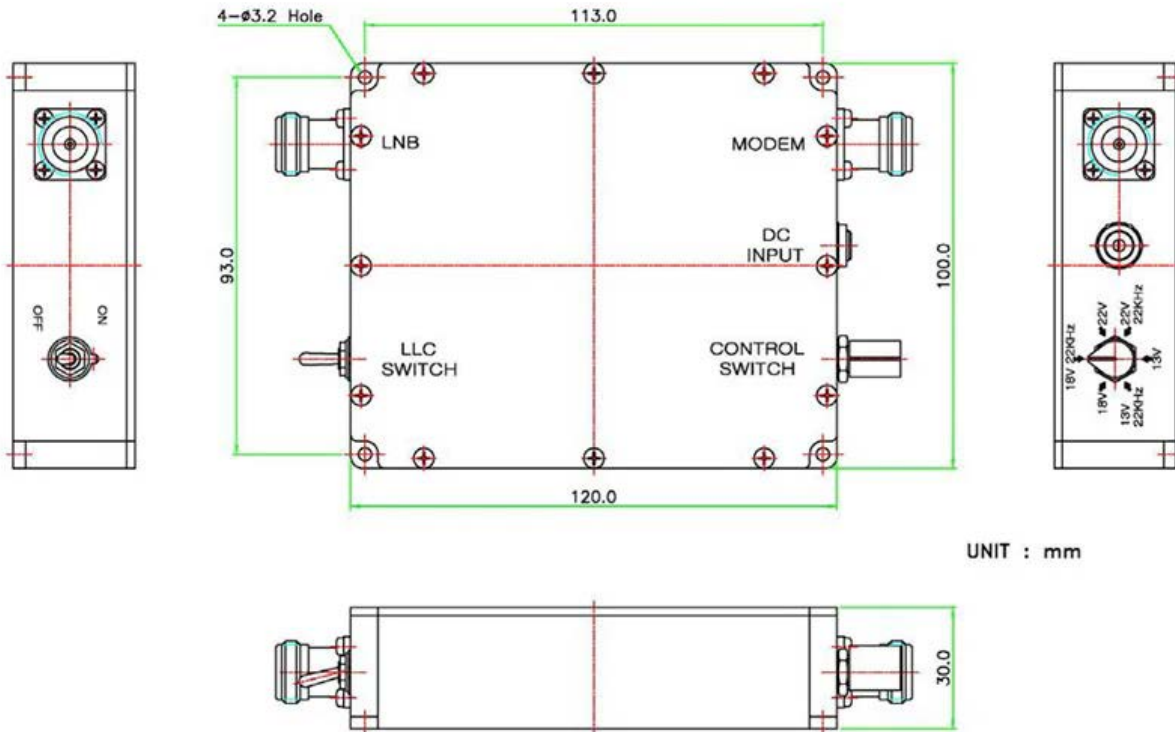


## 10 MHz injection port, SMA connector (Control Interface Cable)





## No reference (Switch Control)



UNIT : mm