



ULC-2N-50-LLC

Universal LNB Controller

Reference: 2N: 10 MHz injection port (N Connector)

Connector Type: 50: N-Connector

Control Interface LLC: Line Length Compensation with

Option: Switch



KEY SPECIFICATIONS

| | |
|------------------------|-----------------------------------|
| CI Option Logic Levels | L: 0 - 0.8 V; H: 2.5 - 7 V (20mA) |
| Reference Signal | 10MHz injection port |
| Tone Amplitude | 0.55 ~ 0.9 vpp |
| Tone Frequency | 20 ~ 24 kHz |

RF SPECIFICATIONS

| | |
|-------------|--------------|
| Output VSWR | 2.0 : 1 max. |
|-------------|--------------|

ELECTRICAL SPECIFICATIONS

| | |
|---------------------|-----------------|
| Current Consumption | 600 mA/24 V |
| Output Current | 500 mA max. |
| Output Voltage 1 | 12.5 ~ 13.5 VDC |
| Output Voltage 2 | 17.3 ~ 18.7 VDC |
| Power Requirements | +23 to +25 V DC |

INTERFACE SPECIFICATIONS

| | |
|--------------------|---|
| Connector | N-Connector |
| Control Interface | Switch, Cable, Line Length Compensation with switch |
| RF Input Connector | 50 Ohm N Connector |

ENVIRONMENTAL SPECIFICATIONS

| | |
|-------------------------|----------------|
| IP Rating | IP 66 |
| Temperature Operational | -30°C to +60°C |

PHYSICAL SPECIFICATIONS

| | |
|----------------|---------|
| Product Height | 30 mm |
| Product Length | 130 mm |
| Product Weight | 0.66 kg |



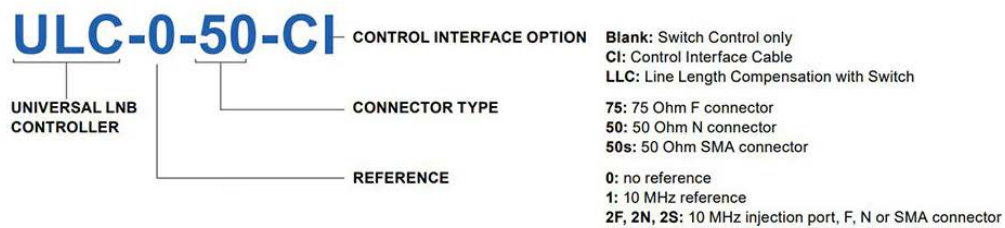
Product Width

95 mm

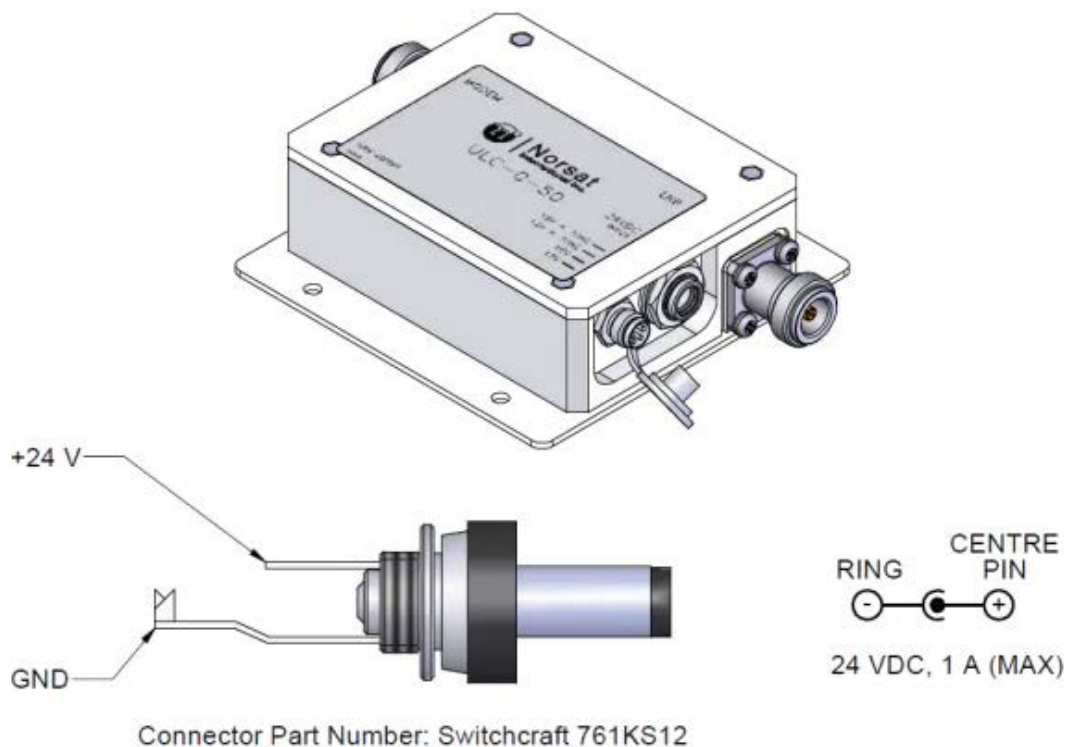
LOGISTICS SPECIFICATIONS

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

HOW TO ORDER

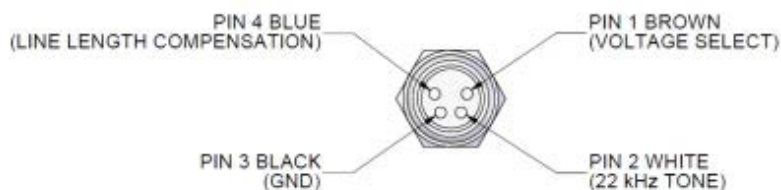


MECHANICAL DIAGRAMS





BAND SELECTION



LNB Controller Connector End View
Mating Connector Part Number: Binder 79-3382-42-04

| 22kHz Tone | Voltage | Line Length Compensation | Output |
|------------|---------|--------------------------|------------|
| L | L | L | 13V |
| L | H | L | 18V |
| L | L | H | 14V |
| L | H | H | 19V |
| H | L | L | 13V + tone |
| H | H | L | 18V + tone |
| H | L | H | 14V + tone |
| H | H | H | 19V + tone |