



MICROWAVE COMPONENT

UNIVERSAL LNB CONTROLLER



MAIN FEATURES

- LNB control for multi-band LNB
- Generates 13 V or 18 V and 22 KHz tone
- 75 and 50 Ohm connectors available
- Universal power supply included
- 10 MHz reference source option
- Mounting Plate

CONFIGURATIONS

Connector Type	F (75 ohm), N (50 ohm) SMA (50 OHM)
Reference Signal	None, 10MHz internal, 10MHz injection port
Control Interface	Switch, Cable, Line Length Compensation with switch

HOW TO ORDER

ULC-0-50-CI

	CONTROL INTERFACE OPTION
	Blank - Switch Control only CI - Control Interface Cable LLC - Line Length Compensation with Switch
	CONNECTOR TYPE
	75 - 75 Ohm F connector 50 - 50 Ohm N connector 50s - 50 Ohm SMA connector
	REFERENCE
	0 - no reference 1 - 10 MHz reference 2F, 2N, 2S - 10 MHz injection port, F, N or SMA connector

ELECTRICAL SPECIFICATIONS

Input Voltage Range	23 ~ 25 VDC
Output Voltage Range	Band 1: 12.5 ~ 13.5 VDC Band 2: 17.3 ~ 18.7 VDC
Tone Frequency	20 ~ 24 kHz
Tone Amplitude	0.55 ~ 0.9 vpp
Power Consumption	450 mA/24V (no ref) 600 mA/24V (10MHz ref)
Operating Temperature	-30 to +60 °C
CI Option Logic Levels	L: 0 - 0.8 V H: 2.5 - 7 V (20mA)

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

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MICROWAVE COMPONENT UNIT LNB CONTROLLER

MECHANICAL SPECIFICATIONS

Input Interface	F, N or SMA connector
Output Interface	F, N or SMA connector
DC Interface	2.5mm plug
Colour	White
Control Interface	Binder – 09-3391-00-04
Control Cable (2m)	Norsat P/N 035634 (Supplied with CI option)

POWER SUPPLY SPECIFICATIONS

Input Power	110 ~ 240 VAC
Output Power	24 VDC
AC Input Plugs included	Global Kit
Output Plug	2.5mm weatherproof

MECHANICAL DIAGRAM

