

MAXNET®

L-Band Signal Management

Patented
U.S.# 6,842,348;
Cdn.# 2,404,844



1RU Chassis
(front view)

Active Products

L-Band Sensing / A/B Switch:

- ▶ Integrated L-Band sensing & A/B switch functionality accommodates L-Band signal redundancy requirements
- ▶ Switching threshold is set via front panel push buttons
- ▶ Rear panel alarming function provides users an indication of input and output signal status
- ▶ Up to two L-Band redundancy switches in 1RU unit

L-Band Sensing / A/B Switch Specifications

SPECIFICATIONS	MNLS*	MNLS2*
FREQUENCY	950-2150	
INPUT LEVEL	-60 to -20 dBm	
INSERTION LOSS	2.5 +/- 1.0 dB	
ISOLATION	40 dB	
RETURN LOSS	12 dB	
IMPEDANCE	75 ohm	
MANUAL OVERRIDE	Front Panel Switch	
THRESHOLD ADJUST	Front Panel Push Buttons	
SWITCH STATUS	Rear Panel NO/NC Contacts / Front Panel LEDs	
SWITCH POSITION UNDER POWER FAULT	Primary	
POWER	110/220 VAC	
POWER CONSUMPTION	9W	
SIZE	1RU	

NOTE:
* = F for F connectors and B for BNC connectors.

Ordering Information

Part Number	Description
MNLSF	Single L-Band Sensing Switch in 1RU Chassis, F Connectors
MNLSB	Single L-Band Sensing Switch in 1RU Chassis, BNC Connectors
MNLS2F	Dual L-Band Sensing Switch in 1RU Chassis, F Connectors
MNLS2B	Dual L-Band Sensing Switch in 1RU Chassis, BNC Connectors

L-Band Signal Management

L-Band Sensing / A/B Switch:

Functional Schematic

