



MICROWAVE COMPONENT LNB REDUNDANT SWITCH SYSTEM RS-LNB

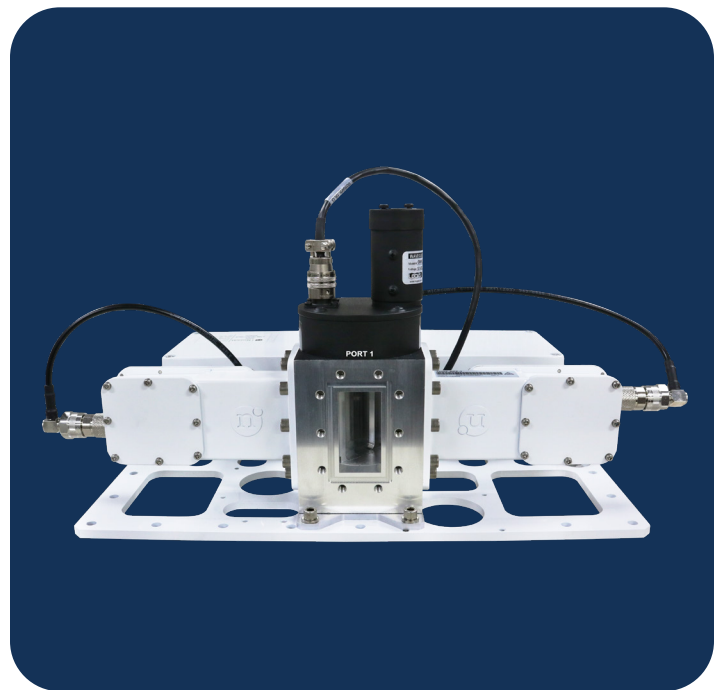
APPLICATIONS

Norsat's Redundant LNB Switch System features a slim, streamline outdoor unit mounted on a plate for easy installation. Automatically detect signal faults and switch to an alternate LNB - providing maximum satellite service availability. Receive-side signal continuity is maintained via continuous power detection, and upon detecting a fault, signal is automatically switched to the reserve LNB.

Available for either 1:1 or 1:2 redundancy applications, Norsat LNB Redundant Switch solutions combine the reliability and performance of down conversion products with the ultimate system safeguarding solution for remote and challenging satellite terminal installations.

FEATURES

- C, Ku and Ka-band Systems available
- Automatically detect LNB failure via DC current
- Fully automatic or manually-commanded redundancy
- M&C through Ethernet (SNMP, Web Interface)
- Custom requirement available
- Optional 1U-19" Indoor Unit
- Supporting Single-Band & Multi-Band LNB with Internal/ External Reference

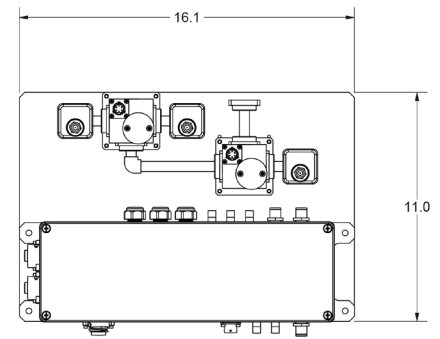
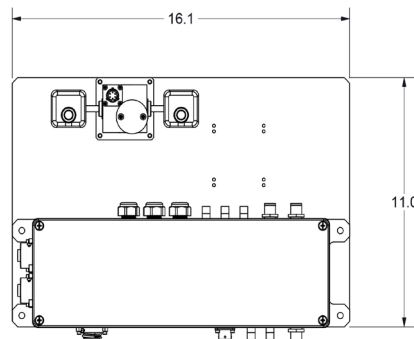


MECHANICAL DIAGRAM

IDU

1:1 Switch

1:2 Switch



SPECIFICATIONS

SYSTEM

Insertion Loss (Waveguide to LNB)	0.5 dB max.
(LNB to Cable)	1.0 dB max.
Output VSWR	1.5 Maximum
IF Range	950 - 2150 MHz
Switchover Time	Ku-Band/Ka-Band: 100ms max. C-Band: 150ms max.
Power	90-250VAC (50-60 Hz) or 24VDC

MECHANICAL

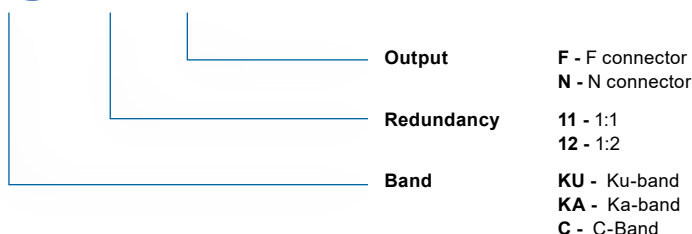
Weight	11 lbs (5 kg) max. (excluding installed devices)
Dimensions (L x W x H)	19 in x 12.25 in x 10.1 in (483 mm x 311 mm x 257 mm)
Packaging	26 in x 23 in x 27 in (661 mm x 584 mm x 686 mm)
Input	Ku-Band - WR-75 Ka-Band - WR-42 C-Band - WR-229

ENVIRONMENTAL

Operating Temperature	-40 to +60°C
Survival Temperature	-45 to +75°C
Relative Humidity	<100%
Waterproofing	IP66

HOW TO ORDER

RSLNB KU 11 N



LNB OPTIONS

Ku-Band	1000H or HS1000 Series
Ka-Band	9000 Series
C-Band	3000 Series

OPTIONAL CONFIGURATION ADD-ONS

RS-MT	Boom Mount		
RS-INT	Intergrated before shipping		
RS-IDU	Optional 1U-19" Indoor Unit with LED display		
RS-FILTER	Transmit reject filter for LNB Redundancy Switch		
IFL Cable (1:1 Redundancy)	30m	50m	100m
	RS-IFL-30F	RS-IFL-50F	RS-IFL-100F
	RS-IFL-30N	RS-IFL-50N	RS-IFL-100N
IFL Cable (1:2 Redundancy)	30m	50m	100m
	RS-IFL-2-30F	RS-IFL-2-50F	RS-IFL-2-100F
	RS-IFL-2-30N	RS-IFL-2-50N	RS-IFL-2-100N



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