

Innovative Communication Solutions

MICROWAVE COMPONENT LNB REDUNDANT SWITCH SYSTEM RS-LNB

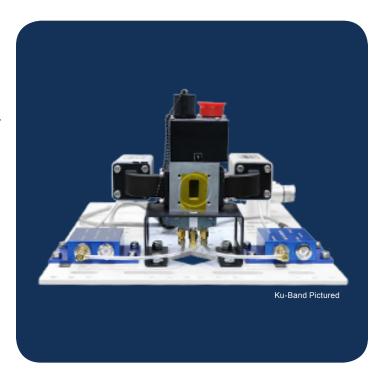
APPLICATIONS

Norsat's Redundant LNB Switch Systems automatically detect signal faults and switch to an alternate LNB, LNA or BDC - 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.

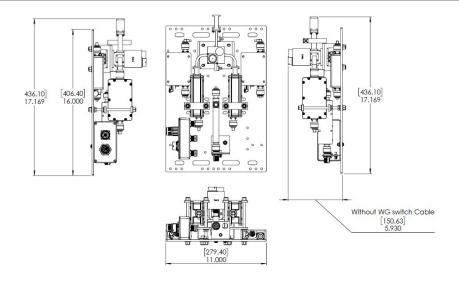
Available for either 1:1 or 1:2 redundancy applications, Norsat LNB/LNA/BDC Redundant Switch solutions combine the reliability and performance pedigree of down conversion products with the ultimate system safeguarding solution for remote and challenging satellite terminal installations.

FEATURES

- · C, X, Ku and Ka-band Systems available
- · Automatically detect LNB/LNA/BDC failure via DC current
- Fully automatic or manually-commanded redundancy
- M&C through Ethernet (SNMP, Web interface)



MECHANICAL DIAGRAM



SPECIFICATIONS

SYSTEM

 Insertion Loss
 0.5 dB max.

 Input VSWR
 LNB Dependent

 Output VSWR
 LNB Dependent

 Switchover Time
 120ms max.

Power 90 - 264 VAC (47 - 63Hz)

ENVIRONMENTAL

Operating Temperature -40 to +60°C Relative Humidity <100%

MECHANICAL

Weight 20 lbs (9 kg) max.

(excluding installed devices)

Dimensions (W x H x D) 19 in x 6.25 in x 11.6 in

(483 mm x 159 mm x 295 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 X-Band - WR-112

Output Type N Connector (50 Ohm)

HOW TO ORDER

RSLNBIS KU 11 R 3

IFL Length	3 = 30m	5 = 50m	10 = 100m
Tx / Rx Config	R = Rx only	T = Tx / Rx	
Redundancy	11 = 1:1	12 = 1:2	
Band	KU = Ku-band	KA = Ka-band	C = C-Band

LNBIS = LNB, Internal Ref, Single Band LNBXS = LNB, External Ref, Single Band LNBIM = LNB, Internal Ref, Multi-Band

LNA = LNA

BDC = BDC, Internal Ref only for C-Band, Ku & Ka-Band

External Ref only for X-Band

Note: LNBIM not available for C-Band, X-Band

OPTIONAL CONFIGURATION ADD-ONS

RS-REF Internal 10 MHz Reference with External Reference Monitoring, Auto Switching

RS-MT Boom Mount

RS-INT Integration Services