



MICROWAVE COMPONENT LNB REDUNDANT SWITCH SYSTEM

RS-LNB

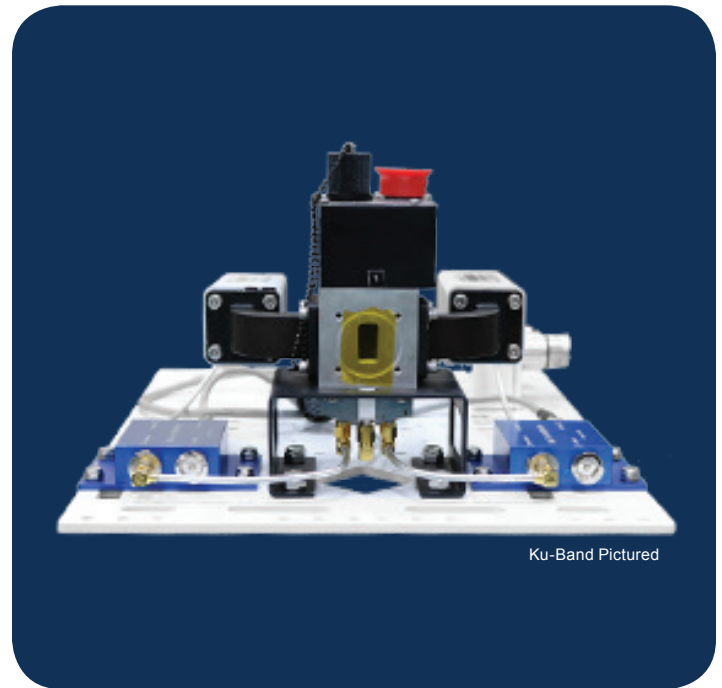
APPLICATIONS

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
- 1RU - 19" IDU with easy-to-read LED status indicators
- M&C interface, remote/SNMP
- Custom requirements available

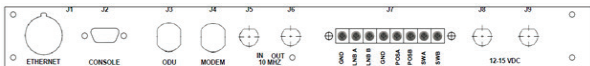


Ku-Band Pictured

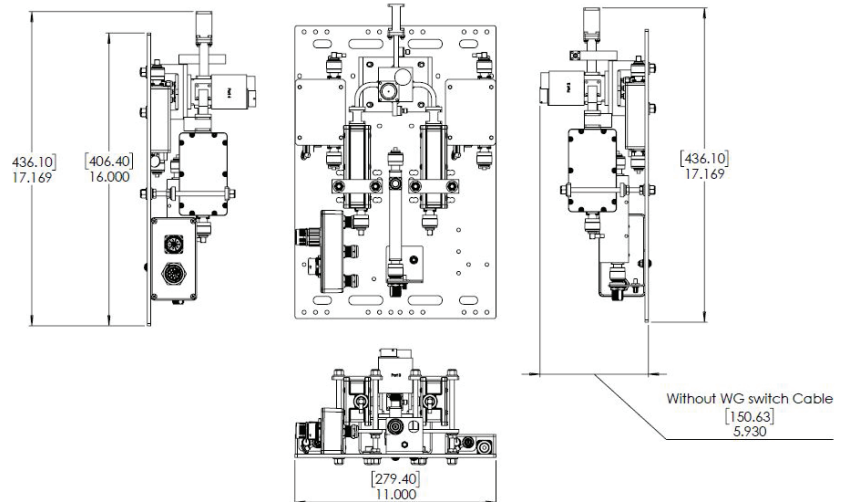
MECHANICAL DIAGRAM



Front Panel



Back Panel



SPECIFICATIONS

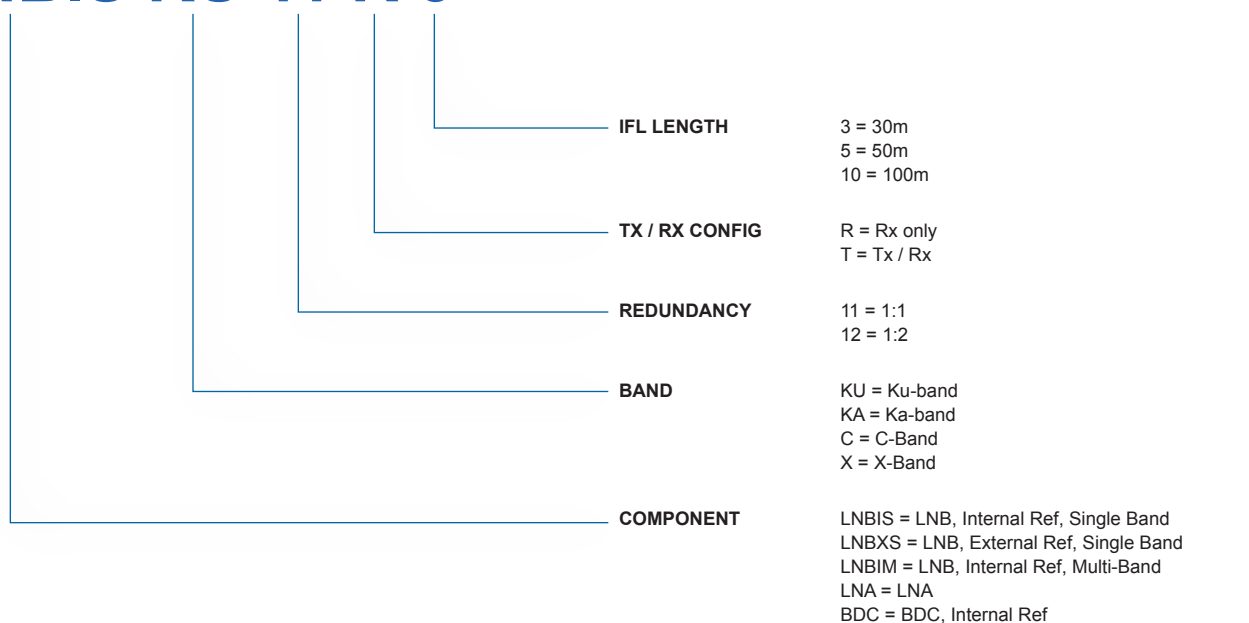
SYSTEM	
ODU	
Insertion Loss	0.5 dB max.
Input VSWR	1.5 : 1 max (without LNB / LNA / BDC)
Output VSWR	1.5 : 1 max (without LNB / LNA / BDC)
Switchover Time	120ms max.
IDU	
Power	90 - 264 VAC (47 - 63Hz)

ENVIRONMENTAL	
Operating Temperature	
ODU	-40 to +60°C
IDU	0 to +55°C
Relative Humidity	
ODU	<100%
IDU	<95% non-condensing

MECHANICAL	
Weight	
ODU	20 lbs (9 kg) max. (excluding installed devices)
IDU	10 lbs (4.5 kg) max. (dependes on options selected)
Dimensions (W x H x D)	
ODU	19 in x 6.25 in x 11.6 in (483 mm x 159 mm x 295 mm)
IDU	19 in x 1.75 in x 20 in (483 mm x 44.5 mm x 508 mm)
Packaging	
	26 in x 23 in x 27 in (661 mm x 584 mm x 686 mm)
ODU Input	
	Ku-Band - WR-75 Ka-Band - WR-42 C-Band - WR-229 X-Band - WR-112
ODU Output	
	Type N Connector (50 Ohm)

HOW TO ORDER

RSLNBIS KU 11 R 3



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

OPTIONAL CONFIGURATION ADD-ONS

Boom Mount	RS-MT
For: LNB, External Ref, Single Band	
10MHz Int Ref OCXO	RS-INT
10MHz Monitoring	RS-MON
10MHz Backup	RS-BAC

