MICROWAVE COMPONENT
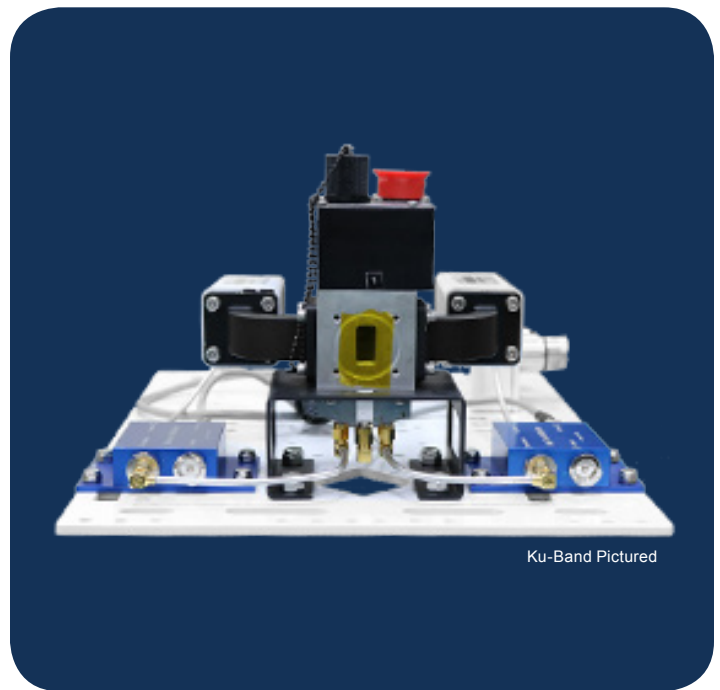## LNB REDUNDANT SWITCH SYSTEM
RS-LNB

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.
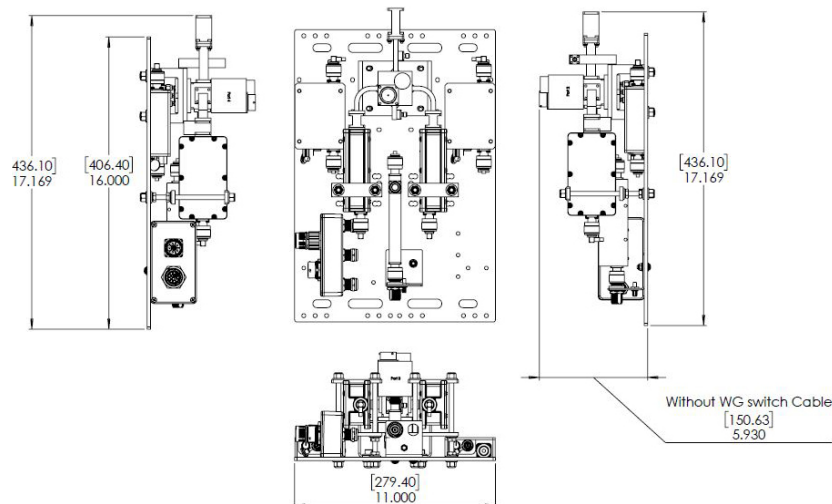
FEATURES

• 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)

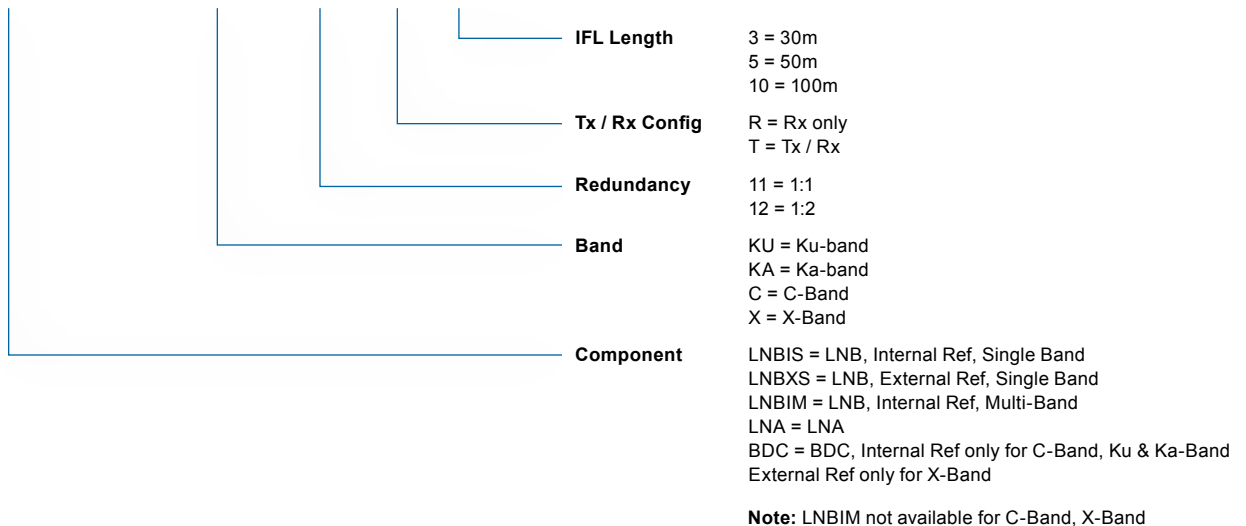Ku-Band Pictured

MECHANICAL DIAGRAM

436.10 / 17.169 [406.40] / 16.000 [436.10] / 17.169

Without WG switch Cable [150.63] / 5.930

[279.40] / 11.000

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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 X = X-Band
Component		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

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