



MICROWAVE COMPONENT

1:1 ATOM BUC REDUNDANT SWITCH SYSTEM

ADVANTAGES

Norsat's ATOM BUC Redundant Switch System features a slim, streamline outdoor unit mounted on a plate for easy installation. Automatically detect signal faults and switch to an alternate BUC - providing maximum satellite service availability. Transmit-side signal continuity is maintained via monitoring the M&C from the BUC and upon detecting a fault, signal is automatically switched to the reserved BUC.

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

FEATURES

- Ku/Ka band system available
- Automatic monitoring and switching
- Accessible over web browser
- SNMP v3 for increased cyber security
- Hot Standby/ECO Mode
- Headless Design with optional indoor unit

HOW TO ORDER

RSBUCKU20R

Optional Add-on	BLANK - No add-on I - SMA Port for External 10 MHz injection R - Build in 10 MHz reference
Band & Model	KU20 - ATOM Ku-Band 20W GaAs BUC KU40 - ATOM Ku-Band 40W GaAs BUC KU80 - ATOM Ku-Band 80W GaAs BUC KU80G - ATOM Ku-Band 80W GaN BUC KA25 - ATOM Ka-Band 25W GaN BUC KA50 - ATOM Ka-Band 50W GaN BUC

SPECIFICATIONS

SYSTEM

Insertion Loss	6 dB max.
Input VSWR	BUC Dependent
Output VSWR	BUC Dependent
Power	100-240 VAC (50-60 Hz)

MECHANICAL

Weight *	KA25	KA50	KU20	KU40	KU80G	KU80
	20.7 kg	24.5 kg	20.1 kg	22.9 kg	25.9 kg	33.3 kg
Dimensions *	W	26.5 in	26.5 in	26.5 in	26.5 in	26.5 in
	H	22.2 in	22.6 in	22.2 in	22.2 in	22.2 in
	D	8.7 in	8.7 in	9.9 in	9.9 in	9.9 in
Packaging	24.4 kg	28.2 kg	23.8 kg	26.6 kg	29.6 kg	37.0 kg
Weight and Dimensions **	762 mm x 648 mm x 310 mm (30 in x 25.5 in x 12.2 in)					
	KU80 : 780 mm x 681 mm x 343 mm (30.7 in x 26.8 in x 13.5 in)					

*ODU with PSs and BUCs

** Containing ODU with PSs and BUCs

Input	Type N Connector
Output	WR-75 or WR-28
LO Stability	10 MHz Source Dependent
Switch M&C	Serial, SNMP
Switching	Automatic/Manual

ENVIRONMENTAL

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





AC CABLE OPTIONS

	North America	Europe	Australia	United Kingdom	China	Wire Lead
10m AC Cable	RS-PS-10-NA	RS-PS-10-EU	RS-PS-10-AU	RS-PS-10-UK	RS-PS-10-CN	RS-PS-10-WL

OPTIONAL CONFIGURATION ADD-ONS

	North America	Europe	Australia	United Kingdom	China
Optional 1U-19" Indoor Unit	RS-IDU-NA	RS-IDU-EU	RS-IDU-AU	RS-IDU-UK	RS-IDU-CN

IFL Cable Refer to RSW IFL datasheet for more information (DOC-003222)

MECHANICAL DIAGRAM

