



ND SATCOM

WAVEGUIDE SWITCHING SYSTEM 1+1 Redundancy 400W Ku-Band Outdoor

ND SatCom has been a supplier to the Satellite Communication industry for over three decades and has built up an excellent reputation for consistently developing high-end satellite communication products at competitive prices to our customers in more than 130 countries worldwide. Our team of dedicated engineers work closely together with customers worldwide to develop, tailor and adapt our product portfolio for broadcast and network solutions to future market requirements with most reliable quality standards.

The Waveguide Switching System is ideally suited to the RCU 5000 series and HPA Ku-Band series manufactured by ND SatCom. Predefined cable sets with easy integration of the complete redundant system in a dedicated designed outdoor frame or complex switching systems with filters, hybrid couplers according to customer needs are also possible.

Each unit is individually tested with test procedures which are prepared and released by the Prime System Engineer. Our switching system is the best choice for high performance redundancy applications specifically tailor engineered and adapted for the customers.

KEY FEATURES

- Compact design
- Easy Installation and Maintenance
- Highly reliable
- Outdoor Version
- Designed for ND SatCom RCU applications
- Compatible with ND SatCom HPAs
- Standard cable set

OPTIONS

- Crossguide coupler
- Air inlet & pressure window
- Antenna/Load Switch
- Polarization Switch
- Fully covered

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TECHNICAL SPECIFICATION

RF SPECIFICATIONS

Frequency Range	Ku-Band (12.75 GHz – 14.5 GHz)
Waveguide Size	WR75
Insertion loss	< 0.3 dB
VSWR (Max.)	1:1.22
Max. Power capacity (Load)	1000 W

ENVIRONMENTAL SPECIFICATIONS

Temperature Range	-35 °C to + 65 °C
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PHYSICAL SPECIFICATIONS

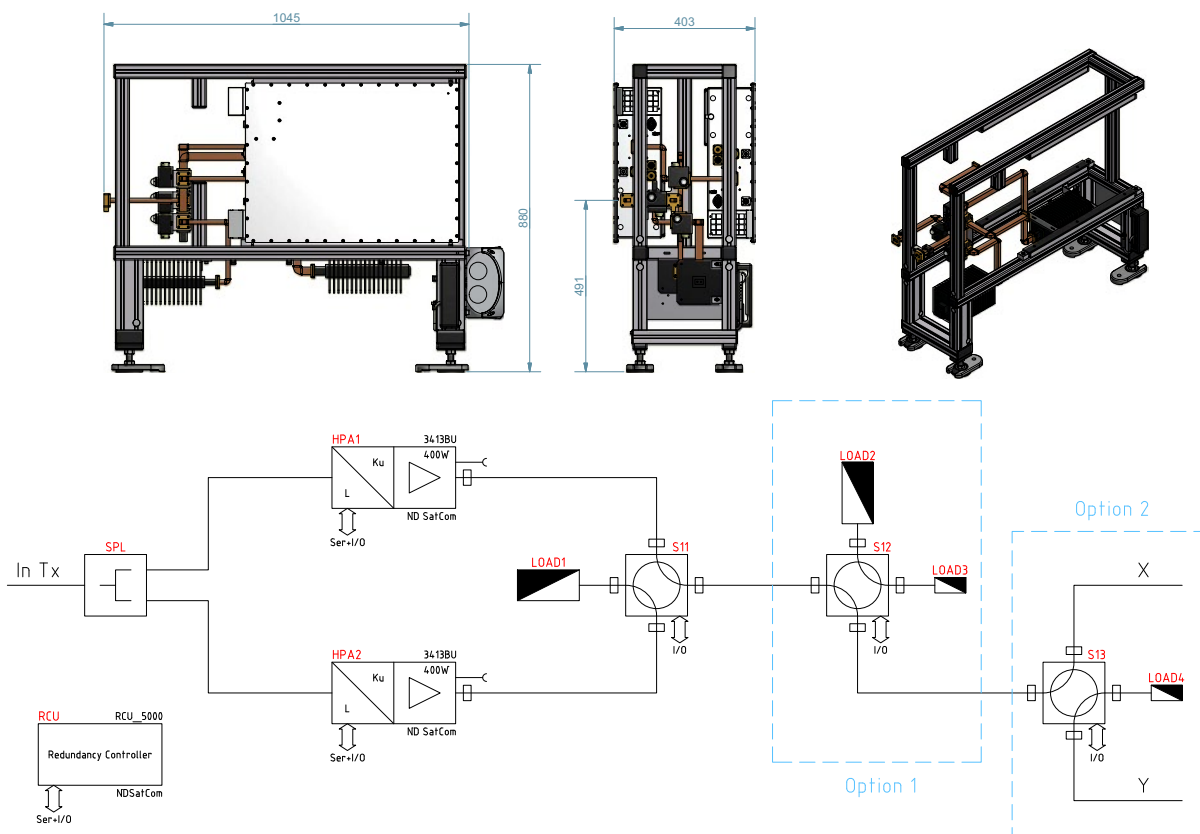
Mechanical Size (LxWxH)	1045 x 403 x 880 mm
Weight without HPA (approx.)	35 kg

INTERFACES

Controller	RCU 5000 series
Mountable HPA	3412B, 3412BL, 3413B, 3413BL, 3413BU, 3413BUL

ORDER CODE

Redundant	E-41C12731
Antenna/Load Switch	Option 1
Polarization Switch	Option 2



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