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 DBS-Band series manufactured by ND SatCom. Predefined cable sets with easy integration of the complete redundant system in a dedicated designed indoor 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
- Indoor 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
## TECHNICAL SPECIFICATION

### RF SPECIFICATIONS
- **Frequency Range**: DBS-Band (17.3 GHz – 18.4 GHz)
- **Waveguide Size**: WR62
- **Insertion loss**: < 0.8 dB
- **VSWR (Max.)**: 1:1.22
- **Max. Power capacity (Load)**: 1000 W

### ENVIRONMENTAL SPECIFICATIONS
- **Temperature Range**: -35 °C to + 65 °C

### PHYSICAL SPECIFICATIONS
- **Mechanical Size**: for integration into 19" Rack
- **Shipping Dimension**: 980 x 1130 x 1040 mm
- **Weight without HPA (approx.)**: 15 kg

### INTERFACES
- **Controller**: RCU 5000 series
- **Mountable HPA**: 2717A, 2717AL

### SWITCHING SYSTEM OPTION
- **Redundant**: Main Unit
- **Antenna/Load Switch**: Option 1
- **Polarization Switch**: Option 2

---

### HEADQUARTERS
ND SatCom GmbH
Graf-von-Soden-Strasse
88090 Immenstaad
Germany
PHONE: +49 7545 939 0
FAX: +49 7545 939 8780
E-Mail: info@ndsatcom.com

### CHINA
ND SatCom (Beijing) Co. Ltd.
PHONE: +86 10 6590 6869/6878

### MIDDLE EAST
ND SatCom FZE
PHONE: +97148865012

www.ndsatcom.com