

FOR SALE

Used ND SatCom 400 W Ku-Band TWTA Equipment / HPA Units

ND400 HPAs, E200 Controllers & 1:1 Redundancy Controller



Professional 400 W Ku-band satellite uplink amplifier equipment.

Available equipment

Item	Equipment	Operating hours
Unit 1	ND400 400 W HPA + E200 controller	8,145 h
Unit 2	ND400 400 W HPA + E200 controller	3,192 h
Unit 3	ND SatCom 1:1 redundancy controller + alarm cable set	—

All units are available individually.

The two amplifier systems cover the 13.75–14.50 GHz Ku-band range. A separate 1:1 redundancy controller is available for dual-path configurations.

Unit 1 | ND400 HPA + E200 Controller

400 W Ku-band TWTA • 8,145 operating hours



Equipment / key data	Unit 1
HPA	1x ND SatCom ND400 outdoor HPA
Controller	1x ND SatCom E200 control unit
Frequency range	13.75 – 14.50 GHz
Operating hours	8,145 h
HPA output class	400 W Ku-band TWTA

Forward-power and I-Helix readings

Forward power	I-Helix current
41 W	0.3 mA
202 W	1.0 mA
258 W	1.4 mA

Front-panel measurement views



41 W / 0.3 mA



202 W / 1.0 mA



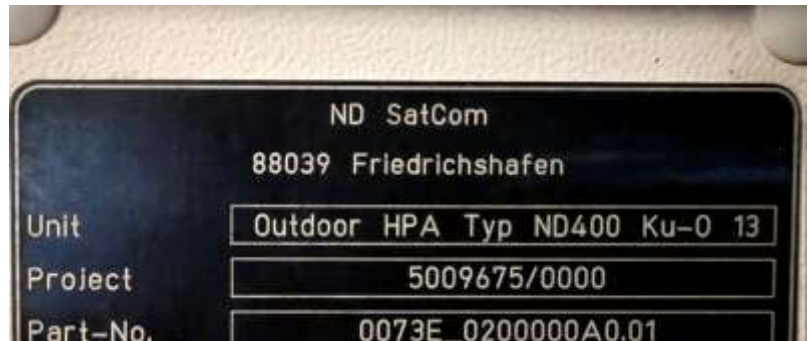
258 W / 1.4 mA

Unit 1 | Additional Equipment Views

ND400 amplifier details and mechanical operating-hour counter.



Operating-hour counter



ND400 identification / operating band

Unit 1 – ND400 amplifier interfaces

- RF input and RF output connections, plus RF test port
- AC power input and chassis earth connection
- Alarm, parallel and serial interfaces
- E200 front panel for control, status and power/I-Helix monitoring

Amplifier gain values

Frequency	Unit 1 label value
13.75 GHz	49.95 dB
14.00 GHz	49.92 dB
14.25 GHz	49.82 dB
14.50 GHz	49.78 dB

Operating band: 13.75–14.50 GHz.

Unit 2 | ND400 HPA + E200 Controller

400 W Ku-band TWTA • 3,192 operating hours



Equipment / key data	Unit 2
HPA	1x ND SatCom ND400 outdoor HPA
Controller	1x ND SatCom E200 control unit
Frequency range	13.75 – 14.50 GHz
Operating hours	3,192 h
HPA output class	400 W Ku-band TWTA

Forward-power and I-Helix readings

Forward power	I-Helix current
25 W	0.2 mA
165 W	0.9 mA
283 W	1.9 mA

Additional front-panel readings



165 W / 0.9 mA



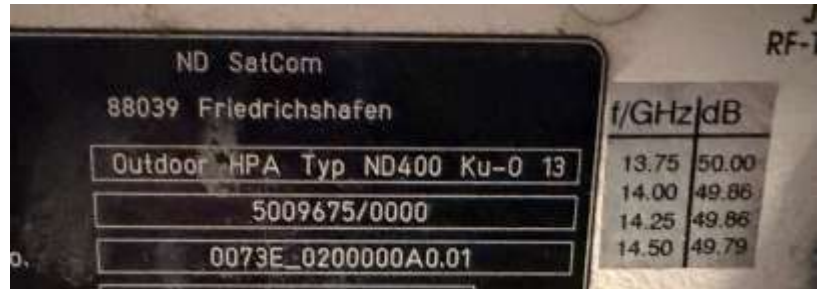
283 W / 1.9 mA

Unit 2 | Additional Equipment Views

ND400 amplifier details and operating-hour counter.



Operating-hour counter



ND400 identification / operating band

Unit 2 – ND400 amplifier interfaces

- RF input and output for Ku-band uplink transmission
- RF test connection and remote/control interfaces
- AC mains input, grounding point and ventilation opening
- E200 control unit with metering display, keypad and operating controls

Amplifier gain values

Frequency	Unit 2 label value
13.75 GHz	50.00 dB
14.00 GHz	49.86 dB
14.25 GHz	49.86 dB
14.50 GHz	49.79 dB

Both ND400 amplifiers are 400 W-class TWTA units with individually supplied E200 controllers.

Unit 3 | ND SatCom 1:1 Redundancy Controller

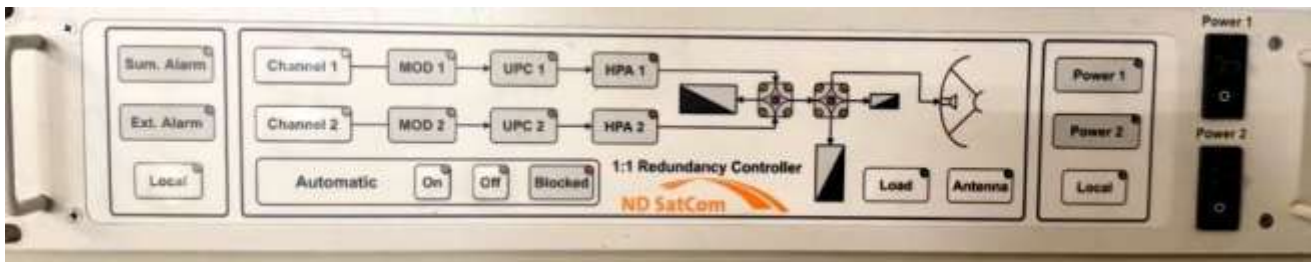
1x 1:1 redundancy controller • 1x alarm cable set



Functionality

- Supervises two transmission paths (Channel 1 and Channel 2)
- Front-panel status indication for MOD, UPC and HPA paths
- Local/automatic controls, load/antenna selection and alarm indication
- Dedicated power switching for two controller power paths
- Alarm interconnection cable set included

Controller front panel



Rackmount redundancy control unit, offered separately from Units 1 and 2.

Controller status view



Unit 3 | Alarm Cabling & Switching Details

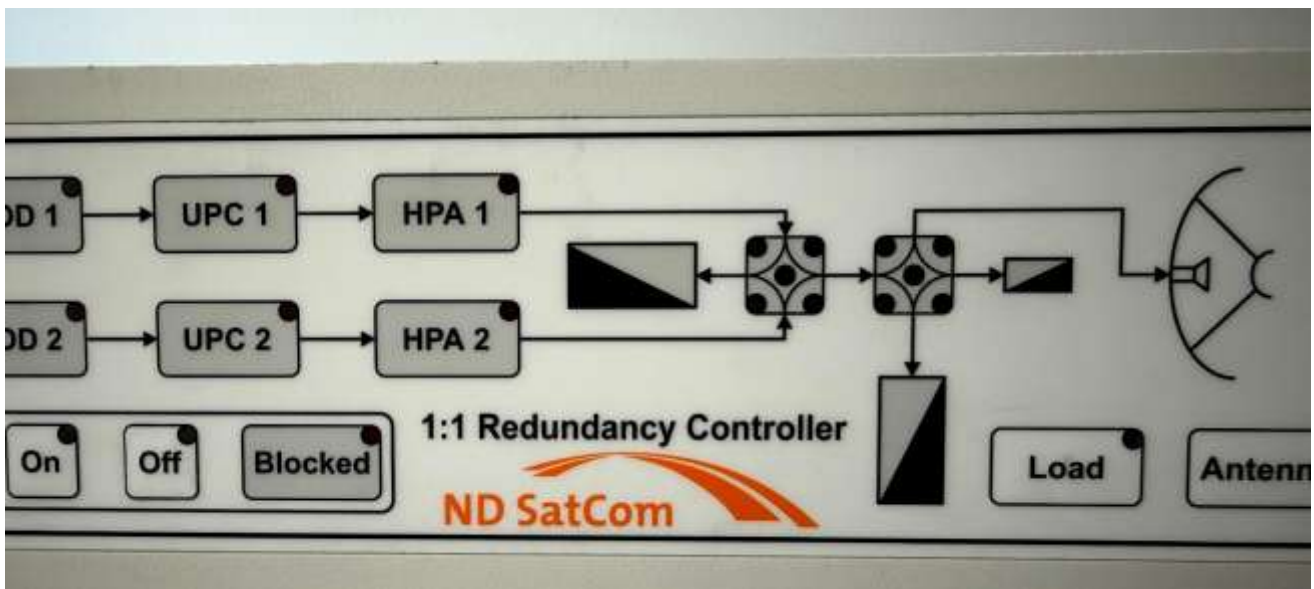
Further views of the 1:1 redundancy controller and the matching alarm interconnection cables.



Alarm interconnection cable set



Redundancy controller with cabling



Front-panel signal flow and redundancy switching diagram.

Price on request:

Units available individually.

Excl. VAT

Excl. shipping & insurance costs

Excl. custom fees

For further information please contact:

Otmar Valzachi

sports tv media distribution GmbH

Paradeisergasse 9

9020 Klagenfurt

AUSTRIA

Tel: +43 463 908000

Fax: +43 463 908000 99

Mobile: +43 676 848606211

email: ov@stvmd.com

<http://www.stvmd.com>