

NOMAD S Band 21 dBi NE7647-D







This station is designed for signals Receive in S frequency band.

A friendly Man Machine Interface installed on a PC allows its remote monitoring & control via Ethernet link.

Specifications

<u>opcomeditorio</u>		
RF Specifications		
Antenna Type	Single channel monopulse	
Frequency	2200-2400 MHz	
Gains	21 dBi typ. @ 2300 MHz	
Polarization	RHCP & LHCP	
3 dB Beamwidth	+/- 6.5° Az/EI @ 2300 MHz	
Axial ratio	< 2 dB	
Side lobes	< 11 dB	
Mechanical specifications		
Elevation range	-5° to +90°	
Azimuth range	Unlimited (Continuous rotary joint)	
Rotation speed max	≥ 20°/s	
Pointing accuracy	± 0.08°	
Total weight	~50kg	
Dimensions	1.1m x 0.8m x 0.7m at 0° Elevation	
Color	White RAL9003	

Environnemental specifications	
Storage temperature	-30°C to +70°C
Operating temperature	-10°C to +55°C (outdoor)
Rain	Up to 50 mm/h
Relative humidity	0 to 100% (outdoor)
Wind resistance	80 km/h (ground fixed) 50 km/h (on tripod)
Electrical specifications	
Pedestal peak consumption	0.3 kVA, 210-240 VAC, 50Hz



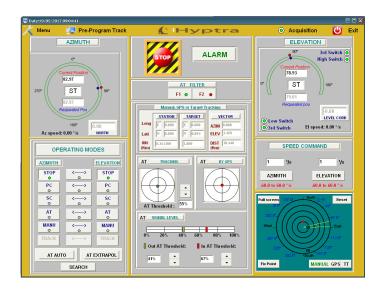
Options

Other frequency bands on demand
Up to 16 bits digital encoder (0.005° pointing accuracy)
Rotation speed on demand
Inertial measurement unit (North and level)
Tracking receiver
Embedded GPS

Antenna control unit (ACU)

The dedicated software, through the color display, provides a user friendly interface (see below non contractual example of ACU screen)

The software can easily be customized for user's needs.



Operating modes

STOP, PC, SC, Manual, GPS, AT, fixed points, Survival, GPS assisted AT

Link to website

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