

# UHF FTS

## 370-450 MHz 13 dBi

### NE7618-0



**Specifications**

FTS Antenna	
Type	Helix
Frequency	370-450 MHz
Gain	13 dBi typ.
Polarization	LHCP or RHCP
3 dB Beamwidth	>30° @ -3dB
Rated power	1000W CW
Side lobes	< 15 dB
Mechanical specifications	
Elevation range	-5° to +90°
Azimuth range	Unlimited (Continuous rotary joint)
Rotation speed max	≥ 20°/s
Pointing accuracy	± 0.08° (in manual mode)
Total weight	~250 kg
Color	White RAL9003

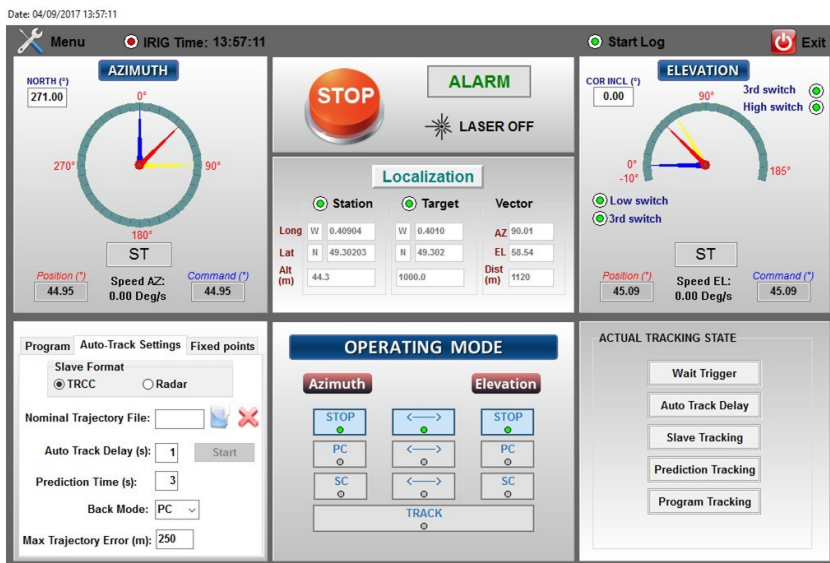
Environnemental specification	
Storage temperature	-30°C to +70°C
Operating temperature	-10°C to +55°C
Rain	Up to 50 mm/hour
Relative humidity	0 to 100% (outdoor)
Wind resistance	90 km/h
Electrical specification	
Pedestal peak consumption	0.3 kVA, 210-240 VAC, 50Hz

## Options

- Up to 16 bits digital encoder (0.0055° pointing accuracy)
- Rotation speed on demand
- Inertial measurement unit (North and level)
- 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, Program Track, fixed points, Survival

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