



THU 162-5A DSL

Active Maritime antenna for mobile/fixed Thuraya DSL modem applications

DESCRIPTION	FEATURES	TECHNICAL DATA
<p>Danisat Active Maritime antenna THU 162-5A DSL is an excellent electrical solution for maritime or fixed Thuraya DSL modem applications throughout the Thuraya footprint. The antenna is designed to cope with pitch and roll if mounted on board a ship.</p> <p>Mechanically the elegant smooth and compact shape covers the best possible choice of mechanical and electrical components: UV-protected moulded plastic housing in strong and low loss quality. The bottom part is protected with the well-known blue ring. The antenna can be mounted on a 30-34mm tube or by using various different standard maritime brackets.</p> <p>The antenna includes a build in high end GPS antenna and will be delivered with a 12m low loss cable set and DC-junction box.</p>	<p>General purpose high end DSL antenna for maritime and fixed applications</p> <p>Elegant smooth design</p> <p>Designed to work all over the footprint with all types of climate</p> <p>UV protected plastic housing</p> <p>Build-in high end amplifier and GPS antenna</p> <p>Easy mounting on tube Ø30-34 mm or by using standard maritime fittings</p> <p>Complete package including 12 m low loss cable set and DC-junction box</p> <p>Other types of connectors can be provided on request</p> <p>Include all necessary adaptors and connectors for connection to the DSL modem</p>	<p>MECHANICAL:</p> <p>Mechanical size: Ø204mm, Length: 230mm</p> <p>Weight: 1.0 kg without cables, approx. 3.0 kg with cables</p> <p>Mounting options: On tube Ø30-34mm</p> <p>Material: White/Blue UV-protected plastic</p> <p>Operational temperature range: -20 to +70 degrees</p> <p>Isolation: All parts are DC isolated for mounting brackets and chassis (DC-junction box)</p> <p>ELECTRICAL GPS PART:</p> <ul style="list-style-type: none"> • Gain: 27 dBiC • Frequency range: 1575.42 MHz • Polarization: RHCP • Noise figure: 1.1 5 dB • Power consumption: 20 mA • Connector type: SMA-male <p>ELECTRICAL THURAYA PART:</p> <ul style="list-style-type: none"> • G/T: -21 dB/K 8dBW • SAT angle elevation: -10° to +90° • Frequency range: 1525-1661 MHz • Polarization: LHCP omnidirectional. • SWR TX: <1:1.6 • SWR RX: < 1:1.5 • Power consumption: 1.5-3A • Supply voltage: 10-16V • Cable length: 12m low loss 0.18dB/m • Connector type: N-female

