Antenna tilting adapter

TILTA

TILTA is a handy tilting mechanism for vehicle antennas that can be perfectly fitted to deployed antenna installations with 4 hole or 3/6-hole NATO pattern mounts. It allows the user to effortlessly tilt and lock the antenna down to various positions from an upright to a horizontal, for instance when having to drive into halls and garages. TILTA versions with optional coaxial jumper cables (N or BNC connector) provide maximum flexibility when fitting TILTA to existing installations.

- Quick & easy to assemble and use. Perfect fit to existing installations
- No need for tools after initial assembly
- Robust construction – tolerates strong impacts.

Product details*	
Suitable COJOT antennas	Most vehicle antennas (more information on request)
Coaxial cable type (optional)	RG 316 (only with order numbers –C0 and –C1, see below)
Coaxial cable power rating	170 W @ 400 MHz, 113 W @ 900 MHz **
Standard color	Olive green
Material	Stainless Steel
Height, Width & Depth	120 x 225 x 150 mm
Weight	2.3 kg

*Specific adjustments on request

Installation*	
Antenna mount	4-hole US and 3/6-hole NATO pattern mount
Vehicle mount	4-hole US and 3/6-hole NATO pattern mount

*Specific adjustments on request

**Ambient temperature of 40°C at sea level and VSWR 1.0

Order number	NSN	Product
TILTA	5340-5800-13774	Product as described above
TILTA-C0	-	Product with RG 316 coaxial jumper cable and N male (antenna) / N female (cable) connectors
TILTA-C1	-	Product with RG 316 coaxial jumper cable and BNC male (antenna) / BNC female (cable) connectors

Environmental specifications

TILTA

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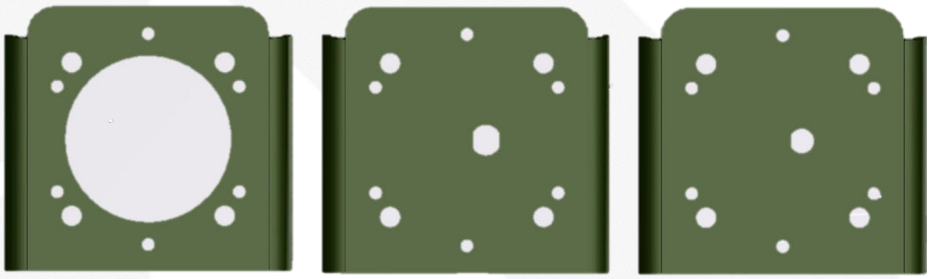
Temperature range (operating)	-40 ... +71 ºC
Temperature range (storage)	-40 ... +85 ºC
Humidity	MIL-STD-810E Method 507.3 Procedure III (cycle with extreme at 95 % RH, +60 ºC)
Shock	MIL-STD-810F, Method 516.5 Procedure I (terminal peak sawtooth shock pulse, peak 40 g, duration 11 ms, three shocks in each of three orthogonal axes in both positive and negative direction)
Random Vibration	MIL-STD-810F, Method 514.5 Category 24 – All material – minimum integrity test, exposure levels according to Figure 514.5C-17
Beam Impact Resistance	Impact at 40 km/h at 70 % height of the radiator

Hole patterns (bottom)



TILTA TILTA-C0 TILTA-C1