TimeLink
microsystems

ANT3
GPS L1
TIMING
ANTENNA
Gain 40 dB

The antenna ANT 3 is a high gain of 40 dB and high band rejection performance antenna.
This is very well suited for GPS tracking for applications requiring long cable lengths or for standalone GPS applications.

The antenna ANT 3 was designed with special ceramic elements for a precision that is granted for a maximum signal reception with 15KV ESD for circuit protection, 3 channel levels LNA and SAW filter a double level permitting optimal rejection. This gives the possibility to the ANT 3 to provide reliable GPS signals minimizing unlocking even when conditions are not ideal.
Available in a plastic conical case and non-corrosive for fixed and mobile applications, the antenna ANT 3 is installable on both a mat of 40 meters as a shelter.

Their unique shape radome repels water and ice, while eliminating the problems associated with poling birds.
A range of compatible mounting configurations you can. Custom models or options kits sites are also available.
This antenna is made of materials which fully respect the provisions of the European RoHS 2002/95 / EC.
The antenna also has ESD protection polarity reversal and suppression of voltage transit.

Antenna element electrical specifications				
Frequency Band	**Antenna Gain**	**Nominal Impedance**	**DC Current**	**Polarization**
1575.42 +/-10 MHz	3.5 dBic@ 90' - 2 dBic @ 20'	50 ohms	15mA@5.5VDC	Right hand circular

Antenna element mechanical specifications				
Dimensions	**Antenna weight**	**radome color**	**Connector type**	**Mounting**
60 H x 44 D mm	50 g	white	TNC female, Jack	All mounting options fit pipes of 1"-1.45" (25 mm-37 mm) maximum diameter

Antenna element environmental specifications		
Operating Temperature	**Humidity**	
-40° C to + 85°C	95%	

Low noise amplifier specifications				
Frequency Band	**Amplifier gain**	**ESD protection Circuitry**	**Phase Noise**	**DC Power :**
1575.42 +/-10 MHz	40 dB +/- 4 dB	15 KV	3.1 dB @ +25°C Typical	2.7 to 5.5 Volts Operating

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Installation kit and
mounting the antenna

Order code :
ANT3: Antenne GPS Antenna