

Passive Omnidirectional Antenna for Thuraya

Low cost antenna for use with short cables

ELECTRICAL SPECIFICATIONS:

FREQUENCY	1525 - 1660.5 MHz, 1575.42 MHz
SATELLITE SYSTEM	Thuraya, GPS
IMPEDANCE	50 ohm
POLARISATION	LHCP (SAT)
AXIAL RATIO	< 6 dB (SAT)
GAIN	2 dBic
LNA GAIN	25 dB (GPS)
NOISE FIGURE	1.2 dB (GPS)
SUPPLY VOLTAGE	3.0 - 5.5V DC (GPS)

CURRENT CONSUMPTION, AVERAGE 20 mA

MECHANICAL SPECIFICATIONS:

COLOR	White, non-glossy
HEIGHT	150 mm
DIAMETER	95 mm
WEIGHT	300 g
MOUNTING	1" thread (US - 1"-14NF)
OPERATING TEMPERATURE	-25C to +55C
SURVIVAL TEMPERATURE	-40C to +80C
CONNECTOR 1	N (f) (SAT)
CONNECTOR 2	SMA (f) (GPS)
CABLE	Not included
MOUNTING PLACE	On pole using bracket
INGRESS PROTECTION	IP66
VIBRATION	IEC60945

