

# Passive Omni Antenna for Iridium (+GPS)

Certified, compact and rugged

## ELECTRICAL SPECIFICATIONS:

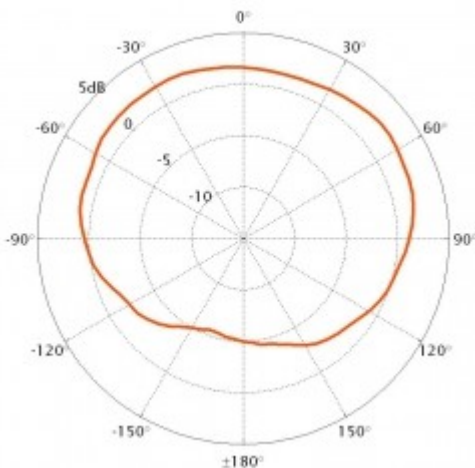
FREQUENCY	1616 - 1626.5 MHz, 1575.42 MHz (L-Band)
SATELLITE SYSTEM	Iridium, GPS
IMPEDANCE	50 ohm
POLARISATION	RHCP (SAT)
AXIAL RATIO	< 6 dB
GAIN	2 dBic
VSWR	< 2.0
LNA GAIN	25 dB (GPS)
NOISE FIGURE	1.2 dB (GPS)
SUPPLY VOLTAGE	3.0 - 5.5 V DC (GPS)
CURRENT CONSUMPTION, AVERAGE	20 mA

## MECHANICAL SPECIFICATIONS:

COLOR	Glossy White
HEIGHT	111 mm
DIAMETER	94 mm
WEIGHT	300 g
MOUNTING	1" thread (US)(1"-14NF)
OPERATING TEMPERATURE	-25C to +55C
SURVIVAL TEMPERATURE	-40C to +80C
CONNECTOR 1	TNC (f) (SAT)
CONNECTOR 2	SMA (f) (GPS)
CABLE	Not included
MOUNTING PLACE	On pole using bracket
INGRESS PROTECTION	IP66
VIBRATION	IEC60945



65800 Radiation Pattern



65800 VSWR

