

MARINER IGC

MARINE AND ENVIRONMENTAL MONITORING ANTENNA (A10AA1956A)

THE MARINER RANGE OF IRIIDIUM ANTENNAS TAKES A READY TO DEPLOY UV STABILISED ABS PLASTIC HOUSING AND INTEGRATES THE LATEST MULTIBAND/DYNAFLEX SUBTILLO RANGE OF ANTENNAS INSIDE.

COMBINATIONS OF IRIIDIUM ONLY, IRIIDIUM GPS, IRIIDIUM CELL GPS AND PENTABAND CELL GPS

IT'S A FIT FOR ALL MARINE TELEMATIC APPLICATIONS.

LOW COST, HIGH PERFORMANCE IS THE UNDERLYING MESSAGE HERE!

APPLICATIONS MARINE TRACKING AND MONITORING

- FREQUENCIES:**
- ▶ IRIIDIUM ONLY
 - ▶ IRIIDIUM GPS/GLONASS
 - ▶ IRIIDIUM CELL GPS/GLONASS
 - ▶ CELL GPS/GLONASS



	IRIDIUM	GSM	GPS /GLONASS
Frequency Range	1616-1626.5 MHz	824-960MHz/1710-1990/2100MHz	1575 MHz
Nominal Gain (ex. cable)	6dBic	MHz	26 dBi
Max. Axial Ratio	-	0 dBi	4 dB
VSWR	<2:1	-	< 2:1
Rated Power	10W	Mobile Tx < 2.5 :1	1W
Polarisation	RCHP	10 W	RCHP
Voltage	-	Linear	3-5 V
Isolation/Decoupling	10dB	-	10dB
Noise Figure	-	10 dB	2 dB max.
Current Sink		-	< 20 mA
Amplifier DC Power	-	-	3 to 5 VDC
Impedance	50 Ohms	-	50 Ohms

MECHANICAL DATA

DIMENSIONS	L140MM X 70MM BASE
CONNECTOR TYPE	SMA MALE
CABLE TYPE	RG174 - IRIIDIUM/GPS/GSM
CABLE LENGTH	30CM
OPERATING TEMPERATURE	-40/85 °C
INSTALLATION TEMPERATURE	-20/40 °C

THE ANTENNA IS GROUND PLANE INDEPENDENT. PERFORMANCE WILL VARY UNLESS THE ANTENNA HAS A CLEAR LINE OF SIGHT WITH THE HORIZON. NOTE - SILICONE CAN BE USED FOR ADDITIONAL WATERPROOFING AROUND THE CABLE AND EXIT HOWEVER SILICONE WILL NOT SET IN EXTREME HOT OR COLD TEMPERATURES

