

VERSION: 1.5

Universal Antenna Base with Built-In GPS Antenna

1 MHz – 1 GHz

Product Code: UBS-6G

SPECIFICATIONS:

Frequency range	1 MHz – 1 GHz
Power input:	
1 - 30 MHz	400 W
30 – 400 MHz	200 W
400 – 1000 MHz	100 W
Nominal input impedance	50 Ω
Connectors	N-Type female (RA22-0243X-01)*
	BNC female (RA22-0245X-01)*
Mechanical:	
Dimensions	Length: 230 mm
Total mass	1.8 kg
specifications Designed to meet MIL-STD-810F	
Designed to meet MIL-STD-	·810F
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GPS ANTENNA SPECIFICA	
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GPS ANTENNA SPECIFIC	ATIONS :
GPS ANTENNA SPECIFICA Electrical: Frequency	ATIONS : GPS L1 band (1575 MHz)
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR	ATIONS : GPS L1 band (1575 MHz) < 2:1
GPS ANTENNA SPECIFICA Electrical: Frequency	ATIONS : GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01)
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR Connector	ATIONS: GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01) TNC female (RA22-0245-01)
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR Connector Nominal input impedance	ATIONS : GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01) TNC female (RA22-0245-01) 50 Ω
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR Connector Nominal input impedance Polarisation	ATIONS: GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01) TNC female (RA22-0245-01) 50 Ω Right-hand circular
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR Connector Nominal input impedance Polarisation Gain	ATIONS: GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01) TNC female (RA22-0245-01) 50 Ω Right-hand circular 26 dB (+-2 dB)
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR Connector Nominal input impedance Polarisation Gain Supply voltage	ATIONS: GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01) TNC female (RA22-0245-01) 50 Ω Right-hand circular 26 dB (+-2 dB) 3 V (+- 0.3 V)
GPS ANTENNA SPECIFICA Electrical: Frequency VSWR Connector Nominal input impedance Polarisation Gain Supply voltage Current draw	ATIONS: GPS L1 band (1575 MHz) < 2:1 SMA female (RA22-0243-01) TNC female (RA22-0245-01) 50 Ω Right-hand circular 26 dB (+-2 dB) 3 V (+- 0.3 V) 20 mA max.
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PRODUCT FEATURES:

- Wideband (1 MHz to 1 GHz)
- Designed for use with VCF antenna range
- Built-in GPS antenna

APPLICATIONS:

• For use with VCF antenna range

PRODUCT DESCRIPTION:

The UBS-6G is a direct replacement for the UBS-6 universal base and is compatible with all of the VCF range of mobile centre-fed antennas.

It has a built in GPS antenna with low noise amplifier (LNA) which ensures optimum performance in high RF environments.

*Please specify colour on order. In the product code, X denotes the colour code as per table below: (E.g. RA22-0243**B**-01, Green base)

Code:	Colour:
Α	Brown/Dark earth
В	Green/Olive drab
С	Black
D	Grey/admiral grey
Е	Sand stone



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