



HIGAIN-RTK

Multi Constellation High Gain Antenna

Features

- Multi-Constellation Antenna
- High Precision / High Gain
- GPS L1/L2/L5
- Galileo, GLONASS, Beidou
- IP67 Rated / Pole Mount

Specifications

Frequency range	GPS L1 (1575MHz) GLONASS G1 (1603MHz) GALILEO E2-L1-E1(1575MHz) BEIDOU B1 (1561MHz)	GPS L2 & L5 (1227 & 1176MHz) GLONASS G2 (1246MHz) GALILEO E5A(1176MHz), E5B(1207MHz) & E6(1278MHz) BEIDOU B2 & B3 (1207 & 1268MHz)
Gain at Zenith	5 dBi	
VSWR	<1.5:1	
Polarisation	RHCP	
Impedance	50 Ohms	
Axial Ratio	<1 dB typical (3 dB Max)	
LNA Gain	40 ± 3dB	
Noise Figure	1.1dB Typical (2.0 Max.)	
Ripple	±2 dB	
Band Attenuation	50dB min @ 1500MHz 50dB min @ 1100MHz 50dB min @ 1650MHz 50dB min @ 1350MHz	
Voltage	DC +3 ~ 12V	
Current	Typical 26mA (Max. 35mA)	
Overall Gain	ANTENNA GAIN + INSERTION LOSS (COUPLER) + LNA GAIN 41 ± 4dBi 39 ± 4dBi	
Connector	N-Female	
Dimensions / Weight	160 x 55mm (dxh) / 0.4 KG	

Specifications subject to change without notice.

5 Little Balmer
Buckingham Industrial Park
Buckingham
MK18 1TF
UK

Tel: +44 (0)1280 824055
Fax: +44 (0)1280 817179
Email: sales@ead-ltd.com
Web: www.ead-ltd.com

EAD
embedded antenna design ltd