



HIGH RELIABILITY LOW COST

The AAC SpaceQuest ANT-100 is a static whip antenna is tunable within the VHF and UHF frequency bands and is designed for ease of use and reliability. Our competitively-priced low-cost ANT-100 static whip antenna is nanosatellite compatible and offers value for money. The units have over 15 years of successful on-orbit flight operations heritage on our AAC SpaceQuest spacecraft as well as being deployed for a global clientele. These minimalist non-deployable antennas can be configured in various lengths to accommodate a range of frequencies from VHF-UHF.

KEY HIGHLIGHTS:

- Easy Assembly and Mounting
- Simple Rugged Design
- Low Mass
- White Bronze or Gold Coated
- SMA RF Output
- Space Qualified



CUSTOMIZABLE

The ANT-100 offers users a flexible range of options. These non-deployable antennas can be configured in various lengths to accommodate a range of frequencies from VHF-UHF.



RUGGED DESIGN

The antennas are built with dependability in mind, specifically for the smallsat market. The minimalist design and quality materials used delivers reliability performance on orbit.



HERITAGE

The units have over 15 years of successful on-orbit flight operations heritage on our own spacecraft as well as being deployed for a global clientele.

TECHNICAL SPECIFICATIONS

General	
Beam Pattern:	Omni-directional With a Ground Plane
Bandwidth:	Approximately 7.5% of Center Frequency (2:1 SWR)
Impedance:	50 Ohms
Mass:	10 - 100 grams (Frequency Dependent)
Size:	5" - 20" (Frequency Dependent)
Operating Temperature:	-40°C to +80°C (Storage: -50°C to +100°C)

To make an enquiry, request a quotation or learn about AAC Clyde Space's other products and services, please contact:

enquiries@aac-clydespace.com



#SPACEISAWESOME

www.aac-clyde.space

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