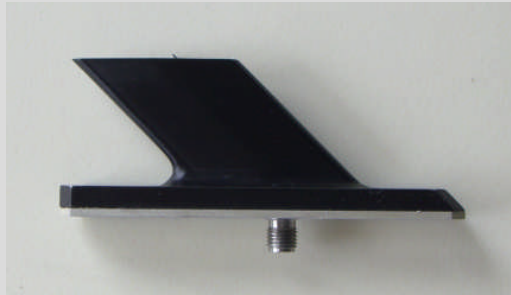


ADLERTECH SYSTEMS

AN 1001

Telemetry Blade Antenna



ANTENNA SPECIFICATIONS

General:	
Standard Frequency Range	S Band (2.2 GHz to 2.4 GHz) or L Band (1.70 GHz to 1.85 GHz)
Polarized	Vertical Polarization
Gain	Within ± 2 dB
VSWR	1.5 : 1 (2.2 GHz – 2.3 GHz) 2.0:1 (2.39 GHz– 2.4 GHz)
Impedance	50 Ohm
Power Handling	40 Watts CW
Mechanical:	
Dimensions	74.0 x 13.0 x 30.0 (L x B x H in mm)
Weight	42 Gramms
RF Output Connector	SMA as standard. Other options available
Standard Environment:	Application specific environmental testing and proving can be performed
Operating Temp	Continues : + 210 Degree Centigrade
	For 20 Secs : + 420 Degree Centigrade
	Low Temperature : - 35 Degree Centigrade
Humidity	Relative Humidity 85% to 95% temperature at 30 Degree Centigrade

US Government Export License Authorization Not Required

All specifications are subject to change without notice.

ADLERTECH SYSTEMS PTE LTD

56A KALLANG PUDDING ROAD #07-00. SINGAPORE 349329

Tel: (65) 67474636 Fax: (65) 6747 6919

EMAIL: sales@adlertechsystems.com

ADLERTECH SYSTEMS

Antennas

ANTENNA SPECIFICATIONS

GENERAL

The model described below are a small sample of the many antennas available. For other types and/or frequencies, please contact us for details.

AN 1002-L or AN 1002-S Coax Dipole

Frequency Range: Any 200 MHz band from 1.70 to 2.5 GHz

Approx. Gain: 3 dBi

Impedance: 50 ohm 1.5:1 VSWR

Connector: SMA female up to 24 " RG 142 Coax Cable

Weight: 141.75 gram

AN 1003-L or AN 1003-S Omni

Frequency Range:

TM 1003-L : 1.70 GHz to 1.85 GHz

TM 1003-S : 2.20 GHz to 2.55 GHz

Approx. Gain: 5 dBi

Beam width: 40 degree (E-plane), Omni (H-plane)

Length: Frequency dependent, up to 25.4 cm

Connector: Type N male

Weight: 160 gram

AN 1004-L or AN 1004-S Rubber Duck

Frequency Range: Any 100 MHz band from 1.70 to 2.5 GHz

Approx. Gain: 3 dBi

Impedance: 50 ohm 2.1:1 VSWR

Max Power: 10 Watts

Connector: SMA male

Size: 8.9 cm to 12.7 cm frequency depended

Weight: 18 gram

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