A RAMI TECHNOLOGY Company

ACTIVE DUAL BAND HELIX STUB ANTENNA

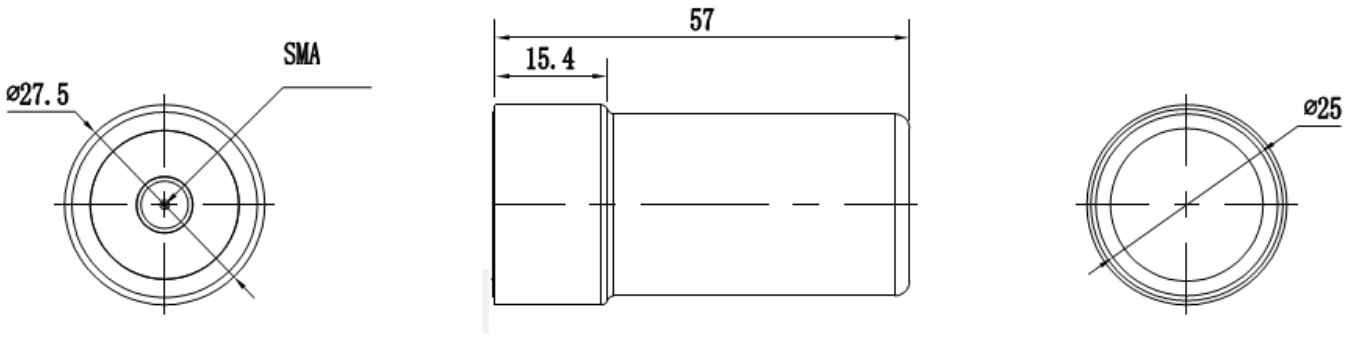
RST-HADB-1064

SPECIFICATIONS

ANTENNA	
PARAMETER	**VALUE**
Frequency Range	GPS: 1575.42 ±15 MHz / 1227 ±12 MHz
	GLONASS: 1598~1609 MHz / 1242~1252 MHz
Output VSWR, max	2.0
Impedance	50 Ω
Peak Gain	3 dBi
Azimuth Coverage	360˚
Axial Ratio, max	3 dB
Polarization	RHCP
Connector Type	SMA
Weight, Max – g	25

LNA	
PARAMETER	**VALUE**
DC Voltage	3.0 to 12.0 V
DC Current, max	35 mA
LNA Gain	33 ± 2 dB
Noise Figure, max	2.0 dB
Ripple	±2 dB
Output VSWR, max	2.0

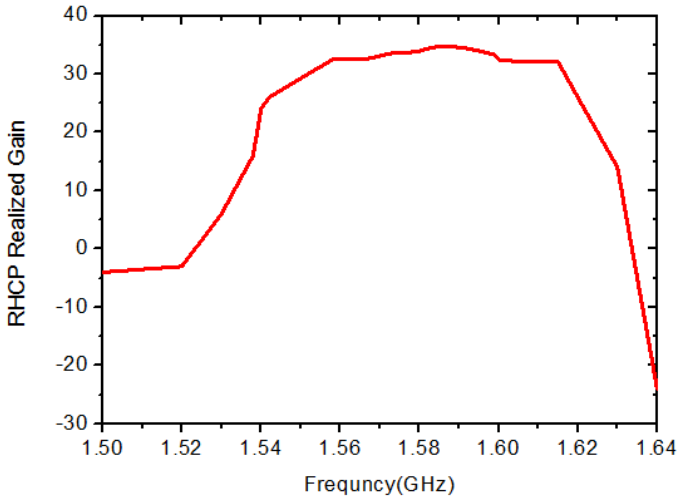
MECHANICAL SPECIFICATIONS



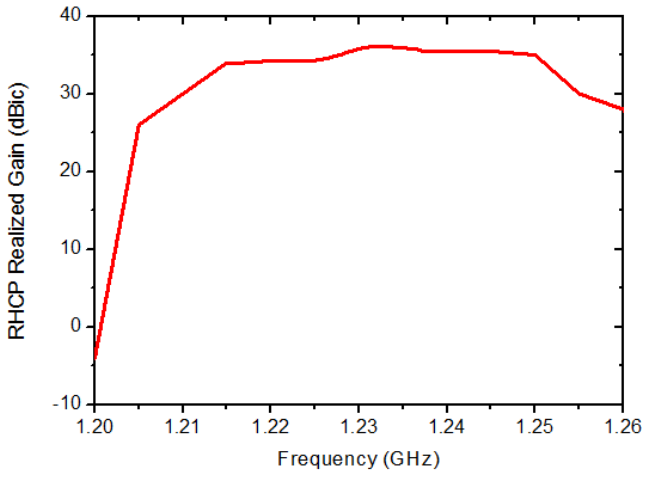
Top view | Side view | Bottom view

EELCTRICAL CHARACTERISTICS

L1 Band Frequency Response



L2 Band Frequency Response



ENVIRONMENTAL SPECIFICATIONS

PARAMETER	VALUE
Operating Temperature Range	-40 to +85˚C
Storage Temperature Range	-55 to +85˚C
Humidity	95%, Non-condensing

APPROVAL

RALTRON	
DRAWN BY	F. Parra, 09 November 2015
APPROVED BY	F. Parra, 09 November 2015
REVISION	A, Initial Release