



Electrical Specification

Part No	:	AT-ANT-GPS-INT-UFL-28.2-LP	
Antenna Type	:	Active	
Operating Frequency	:	1574/1602(MHz)	
Overall Gain	:	1575.42MHz, 27 ± 3dBic typ. @ zenith 1602MHz, 0.5dBic typ. @ zenith	
Patch Gain	:	1575.42MHz, 1dBic typ. @ zenith 1602MHz, 28.5 ± 3dBic typ. @ zenith	
Axial Ratio	:	3.0dB max @ zenith	
DC Operating Voltage	:	3.0 - 5.0(V)	
VSWR	:	2.0 :1 max	
Impedance	:	50 Ohm	
Polarization	:	RHCP	
Cable Type	:	Microcoaxial cable	
RF Cable Connector	:	40-50mm 1.13 co-axial with IPEX MHF1 With Lock	
DC input	:	3.0v	5.5V Max
LNA Gain	:	28db	31db
Noise Figure	:	2.6db	2.8db

Mechanical Specification

Dimensions	:	25.2 x 25.2 x 4.8	
Mount	:	Self Adhesive Tape	
Operating Temperature	:	-40 to +85(°C)	
Enclosure	:	Abs,Pc	
Environment	:	95% RH Humidity	
Description	:	GNSS GPS Antenna	

DESIGNED BY: Kiran Kumar	<h1>GNSS GPS ANTENNA</h1>	I	-
DATE: 03/10/2016		H	-
CHECKED BY: Mr. S. Metri		G	-
DATE: 03/10/2016		F	-
SIZE A3		E	-
SCALE 1:1		D	-
WEIGHT (kg) XXX	ANAND TECHNOLOGIES	C	-
DRAWING NUMBER AT-ANT-GPS-INT-UFL-28.2-LP		B	-
		A	-
SHEET 1 / 1			

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