



Specification:
 Antenna
 Center Frequency: 1575.42±1MHz
 Band Width: CF±5MHz
 Polarization: RHCP
 Gain: 5dBiC (Zenith)
 V.S.W.R: <1.5
 Impedance: 50Ω
 Axial Ratio: 3dB (max)
 Dimension: 25×25×4mm

LAN
 Gain: 28±2dB
 Noise Figure: <15
 Filter Insertion Loss: <3dB
 Ex-band Attenuation: 12dB@CF+50MHz/16dB@CF-50MHz
 Supply Voltage: 2.2~5V DC
 Current Consumption: 5~15mA
 V.S.W.R: <2.0
 Cable: RG174
 Connector: SMA/MCX/FAKRA or others
 Radome Material: ABS
 Mounting Method: Magnet

Environmental: Operating Temperature :-40℃~+85℃

Order Information

L-KLS1- GPS - 01 - 010 3000

Rohs

Antenna Frequency : 1575.42±1MHz

Con. Code: 010: SMA-J Connector

011: RP SMA-J

020: SMB-J

030: MCX-J

040: MMCX-J

050: FAKRA-J

3000: Cable Lengths

GENERAL TOLERANCE ANGLE TOLERANCE

X. ±0.60	X. ±5°
.X ±0.38	.X ±3°
.XX ±0.25	.XX ±2°

PROJECTION

UNITS	MM	Description:
SHEET SIZE	A4	GPS Active Antenna
KLS P/N:	KLS1-GPS-01-XXXXXX	

Draw by: Date 2016-11-11
 Check by: Date 2016-11-11
 SCALE SHEET OF

KLS ELECTRONIC CO., LTD.