Physical Condition

Construction: Polycarbonate radome enclosure and die-cast-shell at the bottom
Dimension: 58 mm(L)x 48 mm(W)x 15 mm(H)
Weight: 63 grams (excluding cable & connector)
Standard Mounting: Screw mount with 2 M3 tapped holes on the base.
Optional Mounting Plate: Metal flanges with holes for permanent mount.

Cable & Connector
RF Cable: 3 meters RG174/U (standard) cable
Pulling Strength: 6 Kg @ 5 sec.
Connector Available: SMA straight 180 male connector

Optional Adapters:

Antenna Element
Polarization: R.H.C.P. (Right Hand Circular Polarization)
Absolute Gain at Zenith: +5 dBi typically
Gain at 10º Elevation: -1 dBi typically
Axial Ratio: 3 dB max.

Low Noise Amplifier
Gain: 30 dB typically
Band Width: 2 MHz min.
Noise Figure: 1.3 max.
Supply Voltage: 2.5~5.5V DC
Current Consumption: 10.3mA ± 1mA @ 2.7V ~ 2.9V DC

OVERALL PERFORMANCE (Antenna Element, LNA & Cable)
Center Frequency: 1575.42 MHz.
Gain: 30 dB min.
Noise Figure: 2.0 max.
Axial Ratio: 3 dB max.
VSWR: 2.0 max.
Output Impedance: 50 ohm

Environmental conditions
Operating Temperature: -40ºC~+85ºC
Storage Temperature: -50ºC~+90ºC
Relative Humidity: 95% non-condensing