

## PERFORMANCE

Signal Received	GPS L1/L2/L5/L-Band GLONASS L1/L2/L3 GALILEO E1/E5a/E5b/E6 BDS B1/B2/B3 QZSS L1/L2/L5/L6 IRNSS L5 SBAS L1/L5
Nominal Impedance	50Ω
Polarization	RHCP
Axial Ratio	≤2dB
Gain at Zenith (90°)	1164-1300MHz 7.0dBi(maximum) 1525-1615MHz 6.5dBi(maximum)

## LNA

LNA Gain	50dB(typical)
Noise Figure	≤2dB
Output/Input VSWR	≤2.0
Operation Voltage	+3.3 to +12VDC
Operation Current	60mA(maximum)
Group Delay Ripple	≤5ns

## MECHANICAL

Dimensions	φ379*312mm
Connector	TNC female
Weight	≤10.5kg
Mounting	BSW5/8"-11 screw, depth≥22mm

## ENVIRONMENTAL

Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Humidity	95% non-condensing
Water/Dust Resistance	IP67
Regulatory Compliance	IGS, NGS, CE, FCC, RoHS