

GPS/BDS/GLONASS/GALILEO

BY500

■ Datasheet

Antenna Specs				
Frequency	GPS L1/L2/L5	GLONASS G1/G2	BDS B1/B2/B3	Galileo E1/E5a/E5b /E6
Peak Gain	L1 ≥ 6.0dBi L2 ≥ 5.0dBi L5 ≥ 4.0dBi	G1 ≥ 5.5dBi G2 ≥ 5.0dBi	B1 ≥ 5.5dBi B2 ≥ 4.0dBi B3 ≥ 4.0dBi	E1 ≥ 4.0dBi E5a ≥ 3.5dBi E5b ≥ 3.0dBi E6 ≥ 3.0dBi
Polarization	RHCP			
Impedance	50Ω			
Horizontal coverage angle	360°			
V.S.W.R	≤ 2			
Phase center error	± 2mm			
LNA 指标				
Gain	40 ± 2dB			
Passband fluctuation	± 2dB			
Noise figure	≤ 1.5dB			
RTCM latency	≤ 5ns			
V.S.W.R	≤ 2			
Supply voltage	+3.3V~15V			
Current consumption	≤ 50mA			
Mechanical				
Connector	TNC-K			
Dimension	Diameter 152mm, height 63mm			
Weight	≤ 450g			
Environmental				
Operating temperature	-40℃ ~ +85℃			
Storage temperature	-55℃ ~ +85℃			
Humidity	95% non condensing			

■ Product Overview



■ Drawing

