



GNSS Antenna		GB300	GB310	GB1000	GB64	GB60
Antenna Type		Geodetic GNSS Antenna	Geodetic GNSS Antenna	Geodetic GNSS Antenna	Helix GNSS Antenna	Helix GNSS Antenna
Singal Tracking	GPS	L1/L2	L1/L2/L5	L1/L2/L5	L1/L2	L1/L2
	GLONASS	L1/L2	L1/L2/L3	L1/L2/L3	L1/L2	L1/L2
	BDS	B1I/B1C/B2I/B2a/B2b/B3I	B1/B2/B3	B1I/B1C/B3	B1/B2/B3	B1/B2/B3
	GALILEO	E1/E5b	E1/E5a/E5b/E6	E1/E6/E5a/E5b	E1/E5b	E1/E5b
	QZSS		L1/L2/L5/L6	L1/L2/L5/L6		
	SBAS		L1/L5	L1/L5		
	IRNSS		L5	L5		
	L-Band		L-Band	L-Band		
Mechanical	Impedance	50Ω	50Ω	50Ω	50Ω	50Ω
	Polarization	RHCP	RHCP	RHCP	RHCP	RHCP
	Axial Ratio	≤3dB	≤3dB	≤3dB	≤3dB	≤3dB
	Azimuth Coverage	360°	360°	360°	360°	360°
	Gain at Zenith	5.5dBi	5.5dBi(Maximum)	5.5dBi(Maximum)	≤ 2 dBi	≤ 2 dBi
	Phase Center Accur	±2mm	±2mm		±2	±2
	LNA Gain	40dB	40dB±2dB	40dB(Typical)	35dB±3	35dB±3
	Noise Figure	≤2dB	≤2dB	≤2dB	≤2dB	≤2dB
	VSWR Output	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0
	Operation Voltage	+3.3 to +12V	+3.3VDC to +12VCD	+3.3VDC to +12VCD	+3.3VDC to +12VCD	+3.3VDC to +12VCD
	Operation Current	≤45mA	≤45mA	45mA(Maximum)	≤45mA	≤50mA
	Ripple	±2dB	±2dB			
	<b>Group Delay</b>	≤5ns	≤5ns	<5ns	<5ns	<5ns
	Dimension	∅154*64.2mm	∅154*64mm	∅152*62.2mm	∅27*107mm	∅27*59mm
	Connector	TNC-K	TNC-K	TNC Female	SMA-J	SMA-J
	Weight	400G	391G	500G	28g	20g
	<b>Mounting Configura</b>			BSW5/8" -11 Screw, 12-14mm		
Environment	Operation Tempera	-40°C to +70°C	-40°C to +85°C	-40°C to +85°C	-40°C to +70°C	-40°C to +70°C
	Humidity	95% non-condensing	95% non-condensing	95% non-condensing	95% non-condensing	95% non-condensing
	Enviroment	IP67	IP67	IP67	IP67	IP67