



CGX601A



CG7601A



3G+C REFERENCE



CSX607A



UA35



BS383A

CATEGORY		3D Choke Ring Antenna	2D Choke Ring Antenna	Reference Antenna	Survey Antenna	Survey Antenna	L1 Survey Antenna
Satellite Tracked	GPS	YES	YES	YES	YES	YES	YES
	GLONASS	YES	YES	YES	YES	YES	YES
	BEIDOU	YES	YES	YES	YES	YES	YES
	GALILEO	YES	YES	YES	YES	YES	
	L-BAND	YES		YES	YES	YES	
	SBAS	YES	YES	YES	YES	YES	YES
Impedance		50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Axial Ratio		≤ 3dB	≤ 3dB	≤ 3dB	≤ 3dB	≤ 2dB	≤ 3dB
Elevation Coverage		360°	360°	360°	360°	360°	360°
Phase Center Error		± 1 mm	± 1 mm	± 1 mm	± 2 mm	± 2 mm	± 2 mm
<b>LNA SPECIFICATIONS</b>							
Gain		50 ± 2dB	50 ± 2dB	42 ± 1dB	40 ± 2dB	39 ± 2dB	40 ± 2dB
Noise Figure		≤ 2dB	≤ 2dB	≤ 2 dB	≤ 2 dB	≤ 2 dB	≤ 2 dB
Operating Voltage		3.3~18VDC	3~18VDC	3.3~20VDC	3.3~12VDC	3.3~15VDC	3~18VDC
<b>MECHANICAL SPECIFICATIONS</b>							
Dimensions		φ 379 - H 312 mm	φ 332 - H 261 mm	W 172 - H 72 mm	φ 173.4 - H 62.6 mm	φ 146 - H 46 mm	φ 147 - H 62 mm
Connector		TNC Female	TNC Female	TNC Female	TNC Female	TNC Female	TNC Female
Weight		9.5 Kg	7.0 Kg	380 gr	456 gr	500 gr	374 gr
<b>ENVIRONMENTAL SPECIFICATIONS</b>							
Operating Temperature		-45°C +85°C	-45°C +85°C	-45°C +75°C	-45°C +85°C	-40°C +85°C	-40°C +70°C
IP		67	67	69	67	69	67