

ST8100 Satellite Patch Antenna

Revision: 1.1



Model number

Item	Description
MD702624	ST8100 Satellite Patch Antenna

Mechanical specifications

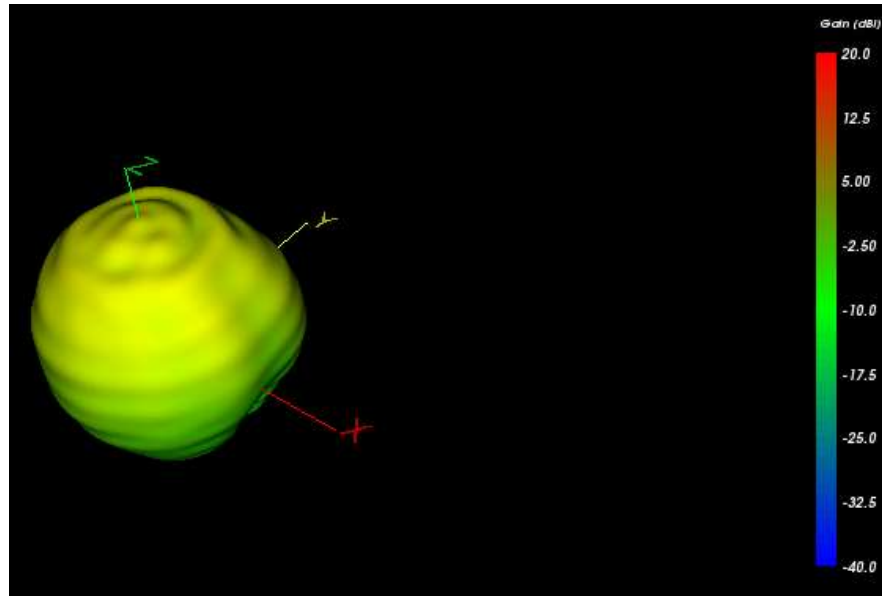
Item	Typical
Dimensions (L x W x H) (including pins)	44 mm × 40 mm x 15 mm
Weight (including pins)	65 g
Temperature range	-40 ~ +85°C

Antenna specifications

Item	Min	Typical	Max
Antenna type	Patch		
Polarization	RHCP		
Frequency band (MHz)	1525		1660.5
Impedance (Ohm)		50	
VSWR (With matching network)		<2.0	
Max gain (dBi)		4.2	5

Antenna Radiation Patterns

1543MHz



1645MHz

