

ZAU-E100C series

Industrial grade Low profile 'hockey puck' antenna

Satellite communications 1616-1626.5 MHz



The ZAU-E100C series of low profile satellite communications antenna are suitable for navigation, data communication, vehicle tracking/fleet management and M2M or SCARDA applications.

Custom cable lengths, connectors, mounting hardware and other installation accessories are all available separately.



	ZAU-E100C	ZAU-E100C-SMA
Construction	Black ABS radome, zinc alloy mounting base, mount thread, external coaxial cable and termination	
Frequency range	Satellite communications: 1616-1626.5 MHz	
Bandwidth	Full frequency range stated - 10.5 MHz	
Gain - peak	2.5dBi	
Polarisation	Right-hand circular (RHCP)	
VSWR	<2.5:1	
Impedance	50 Ohms	
Azimuth	360°	
Elevation	0-90°	
Connector	TNC male	SMA male
Cable	2.0 metres RG316 exits via base of mounting thread	
Dimensions	68.2mm diameter x 36mm high - including thread	
Operating temperature	-35°C to +85°C	
Storage temperature	-40°C to +85°C	
Waterproof rating	IP67	
Mounting hardware supplied	1/2-13UNC male threaded stud with mounting nut supplied on base of antenna. Will require a 13mm diameter hole for mounting.	
Mounting position recommended	Mount the antenna on the highest surface of your vehicle, vessel or structure as possible to ensure no obstructions. Obstructions such as trees, roof overhangs or other antennas will greatly reduce performance.	
Installation tools required	19mm spanner for nut securing	



TNC male connector fitted as standard to 2 metres RG316 coaxial cable

