

UHF TURNSTILE ANTENNA

GENERAL DESCRIPTION

Turnstile Antennas are used for long distance VHF and UHF radio communication and low baud rate data transfer. Antenna could be tuned for different frequencies and gains.

Electrical

Frequency Range	400 MHz to 415 MHz
Gain	2.5 dBi
Polarization	Circular
3-dB Beamwidth	360° Az, 80° El
Impedance	50 Ohm
Power Handling	1 KWatt
Connectors	SMA/N-type

Mechanical

Material	6061 Aluminum Alloy
Surface Finish	Anodized
Dimension (mm)	460 x 330 x 330
Weight (g)	325

Operating Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000 ft

Storage Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000 ft

Environmental Test Standards

Mechanical	MIL-STD-810G
EMI/EMC	MIL-STD-461F

