



## Data Sheet

## UHF PATCH ANTENNA

### Features

- Best performance-to-price ratio.
- Attractive, low profile housing.
- Permits the panel to be mounted in vertical or horizontal polarity.
- Adjustable mounting brackets for outdoor mounting.



The directional panel antenna are designed to provide maximum gain at 915 GHz. With a VSWR of less than 1.5:1, this antenna provide efficient and stable performance across the band. These robust antennas are designed for outdoor applications.

### Specifications

#### Electrical

Frequency of operation	900-930mhz
Bandwidth	full band
Minimum gain with radome	8dbi +/- 0.5dbi
Horizontal beam width	85° +/- 10°
Vertical beam width	55° +/- 10°
Front to back ratio	15db(min)
Vswr	better than 1.5 : 1
Polarization type	single, vertical
Termination	tnc female
Impedance	50 $\omega$
Input power	50 watts

#### Mechanical

Maximum dimensions(l x b x h)	215 x 195 x 58mm
Base material	aluminium
Radiator material	copper
Housing material	uv protected abs
Antenna mount	antenna mount is robust, rugged and is suitable for pole as well as wall mounting
Adjustment e/h plane	60° adjustment in each plane
Wind resistance	200 km/h
Operating temperature	-20° to 70° c
Humidity resistance	near dry to 95% at 40° c

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