



## PRODUCT DATASHEET

### 820-980 MHz LINEAR POLARISED PATCH ANTENNA

PRODUCT CODE: CT-P-A0026

This antenna covers the 900 Mhz frequency band. The antenna has been designed to be waterproof and is easy to install. It is ideal for indoor and outdoor use.



#### PRODUCT SPECIFICATIONS

· DIMENSIONS	245 X 235mm
· THICKNESS	40mm (without bracket)
· WEIGHT	470 g (without bracket)
· MOUNT	Aluminium Brackets for up to 50mm poles
· ENVIRONMENT	Waterproof / Robust

#### ELECTRICAL SPECIFICATIONS

· GAIN (MAX)	8 dBi (+/- 0.5 dB)
· GAIN (MIN. OVER BAND)	7 dBi (+/- 0.5 dB)
· FREQUENCY	820-930 Mhz
· VSWR	<2.0:1
· FEED POWER HANDLING	10 W
· E-PLANE 3 dB BEAMWIDTH	60° (+/- 5°)
· H-PLANE 3 dB BEAMWIDTH	74° (+/- 5°)
· NOMINAL INPUT IMPEDANCE	50 Ohm
· FRONT TO BACK (F/B RATIO)	15 dB (+/- 3 dB)
· POLARISATION	Linear

#### ENVIRONMENTAL SPECIFICATIONS

· OPERATING TEMPERATURE	-20 dC to +70dC
· MAX WIND SPEED	160km/h (without ice)
· RAIN	IP 66 (Nema 4X)
· SHOCK	40g for 10ms

#### VSWR, GAIN AND RADIATION PATTERNS

