



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

