

# Patch Antenna (Circular)

860 - 930 MHz

Product code: PATCH-A0003



This antenna covers both EU and USA RFID bands. The antenna has been designed to be waterproof and is easy to install. It is circularly polarised for reading in any orientation. It can be used for improved indoor GSM coverage, due to circular polarisation.

## Features:

- 860 - 930 MHz.
- Completely waterproof.
- Circularly Polarised.
- Low axial ratio for optimum transmitted power.

## Application areas:

- Picocell repeaters.
- RFID readers.

## Specifications:

### Product Code;

PATCH-A0003-02	0.3 m RG 58 with N(f)
PATCH-A0003-03	1.0 m RG 58 with SMA(m)
PATCH-A0003-03	2.0 m RG 58 with SMA(m)
PATCH-A0003-04	0.4 m RG 58 with SMA(f)

### Electrical:

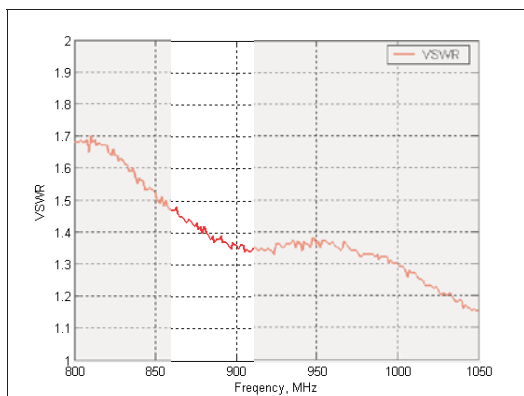
Gain (max.)	7 dBi ( $\pm 0.5$ dB) Circularly polarised gain
Gain (min. over band)	6 dBi ( $\pm 0.5$ dB) Circularly polarised gain
Frequency	860 - 930 MHz
VSWR	<1.5:1
Axial ratio	less than 1dB
Feed power handling	10 W
Polarisation	Circular

### Mechanical:

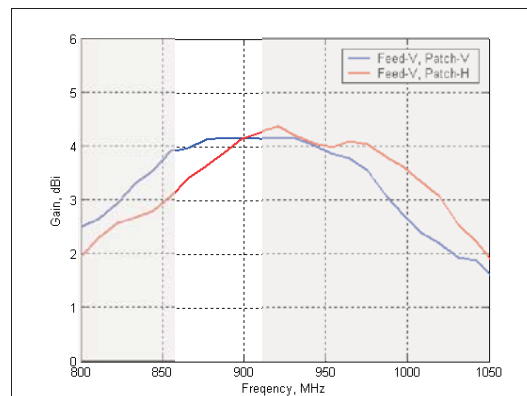
Dimensions	245 mm x 235 mm x 40 mm
Weight	470 g

## VSWR and Gain Measurements:

VSWR:



Gain\*



\*Measured under linear polarisation