

8dBi, 2.4-2.5 GHz Patch Antenna

Product code: PATCH-A0024

PATCH-A0024-01

PATCH-A0024-02



This antenna covers the 2.4 - 2.5 GHz frequency band. The antenna has been designed to be waterproof and is easy to install. It is ideal for indoor and outdoor use. It comes with fasteners allowing wall mounting. This antenna is excellent for indoor WLAN access points as it mitigates effects of multipath fading. A mast mounting bracket (BRKT-009) can be ordered separately.

Features:

- Compact
- Waterproof
- Small and light

Application areas:

- Short range wireless LAN point to point communication
- Client antenna for WLAN
- Indoor Access point antenna

Specifications:

Product Code:

PATCH-A0024	0.3 m RG 58 with N(f) connector
PATCH-A0024-01	0.5m RG58 with RP SMA (f) connector
PATCH-A0024-02	0.6m RG58 with SMA(m) connector

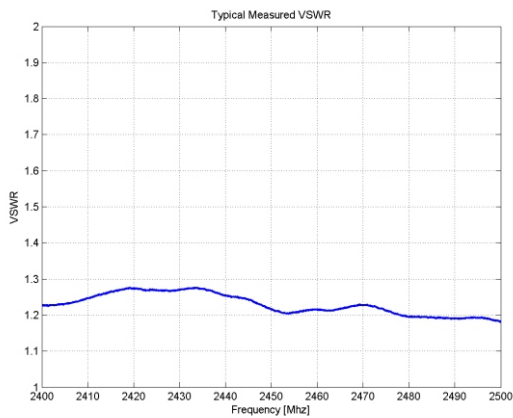
Electrical:

Gain (max)	9 dBi (+-0.5 dB)
Gain (min over the band)	8 dBi (+-0.5 dB)
Frequency	2.4 - 2.5 GHz
VSWR	< 1.5:1
Feed power handling	10 W
E-plane 3 dB beamwidth	55 (5)
H-plane 3 dB beamwidth	65 (5)
Front to back (F/B ratio)	20 dB (3 dB)
Polarisation	Linear (Vertical or horizontal)

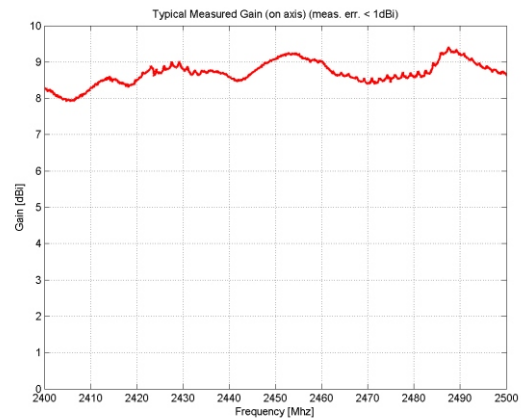
Mechanical:

Mount	Wall mount
Dimensions (l x w x h)	92 mm x 92 mm x 26mm (without bracket)
Weight	112 g (with bracket)

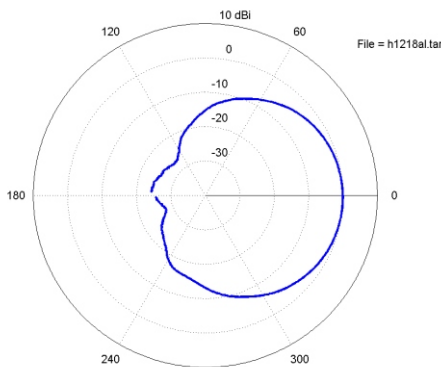
VSWR, Gain and Radiation Patterns



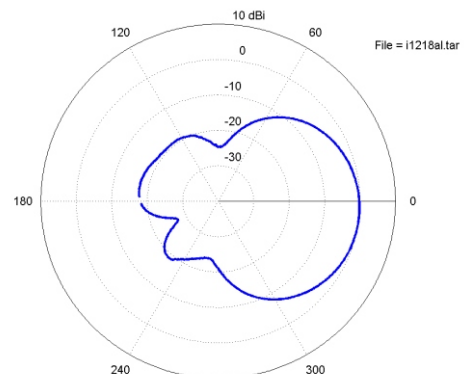
VSWR



Gain



H-Plane patterns at 2450 Mhz



E-Plane patterns at 2450 Mhz