# M2M & ISM Band
# Wireless LAN Easyfit Antenna
## EF-W24

PANORAMA ANTENNAS

## EF-W24

- Internally or externally fitted
- Covers 2.4GHz
- Simple & quick installation

The EF-W24 'easy fit' antenna is efficient & compact.

With a secure but easy to fit adhesive pad mounting, the EF-W24 antenna provides a huge range of possibilities for the installer.

Whether mounted by the windscreen pillar or behind the rear view mirror the only thing the user will notice is the superb quality of their data connection.

## Technical Drawing

EF-W24 Shown



PANORAMA LOGO TO BE PROUD BY 0.3mm ON BOTH ENDS.

BODY MOULDED IN BLACK ENGINEERING PLASTIC

ADHESIVE PAD

113

ø2.8 RG174 COAX CABLE 2m LONG

FME SOCKET – FITTED

5.4

10

EF-W24 22/04/2021 V3

# M2M & ISM Band
# Wireless LAN Easyfit Antenna
## EF-W24

**PANORAMA ANTENNAS**
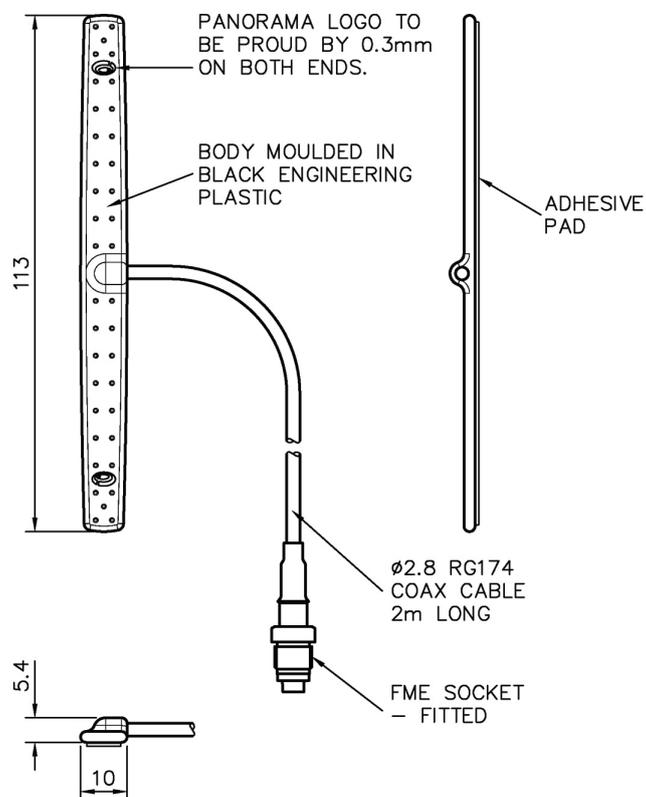
| | Product Data |
|---|---|

| Part No. | | |
|---|---|---|
| | EF-W24-2F | EF-W24-3RPSP |

| Electrical Data | | |
|---|---|---|
| Frequency Range (MHz) | 2400-2485MHz | |
| Operational Band | 2.4GHz WLAN | |
| Bandwidth at 2:1 VSWR | 10% | |
| Peak Gain: Isotropic | 2dBi | |
| Compared to ¼ wave | 0dBi | |
| Patter | Omni-directional | |
| Polarisation | Vertical | |
| Impedance | 50Ω | |
| Max input power (W) | 10 | |

| Mechanical Data | | | |
|---|---|---|---|
| Dimensions (mm) | Height | 113 (4.5") | |
| | Width | 19 (0.7") | |
| | Thickness | 2.5 (0.1") | |
| Operating Temp (°C) | | -40° / +80°C (-40° / +176°F) | |
| Material | | TPE | |
| Colour | | Black | |

| Mounting Data | | |
|---|---|---|
| Fixing | Adhesive pad | |
| Material | Acrylic adhesive pad | |
| Colour | Black | |

| Cable Data | | |
|---|---|---|
| Cable Type | RG174 | |
| Thickness (mm) | 2.8 | |
| Length (m) | 2m | 3m |
| Termination | SMA Plug | Rev. Pol. SMA Plug |

# M2M & ISM Band
# Wireless LAN Easyfit Antenna
## EF-W24

PANORAMA ANTENNAS

## Electrical Data

### Typical VSWR
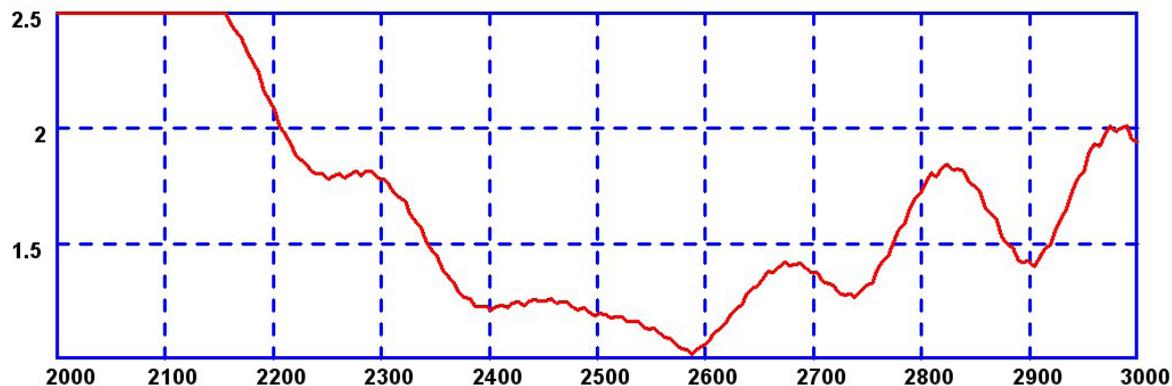


*VSWR mounted on glass sheet with 3m (10') of RG174 cable

### Typical H-Plane (2400MHz)

EF-W24 22/04/2021 V3