

# WiFi 2.4/5.0GHz Adhesive Easyfit Antenna

EF-24-58

PANORAMA ANTENNAS

## EF-24-58

Adhesive mount antenna

Fits to plastic devices or glass windshields

Dual band WiFi 2.4/5.0GHz

EF-24-58 is a range of highly efficient and easy to install antennas for providing WiFi coverage. These compact paddle style antennas are easily positioned on a device housing or vehicle windscreen using the supplied automotive industry grade adhesive pad.

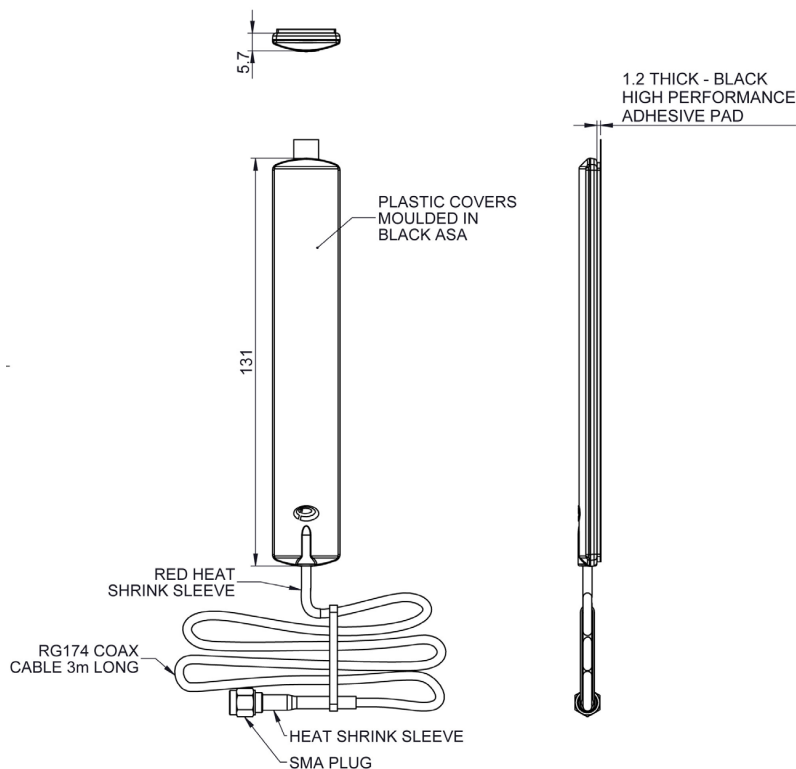
The antenna is ground plane independent making it ideal for applications distributing or receiving WiFi signal. Covering 2.4/5.0GHz the EF-24-58 is designed to support the full range of WiFi frequencies.

The antenna is constructed from weather resistant plastic and is suitable for use in semi-exposed scenarios.



### Technical Drawing

EF-24-58-3SP Shown



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## Product Data

### Part No.

EF-24-58-3SP

EF-24-58-3RPSP

### Electrical Data

Frequency Range (MHz) 2396-2485/4.9-6GHz

Operational Bands 2.4/5.0GHz WiFi

Typical VSWR\* <2:1

Peak Gain: Isotropic\*\* 2.4GHz 2dBi

5.0GHz 4dBi

Polarisation Vertical

Pattern Omni-directional

Impedance 50Ω

Max Input Power (W) 10

### Mechanical Data

Dimensions Length 131 (5.16")

Width 21.7 (0.85")

Thickness 7 (0.27")

Material ASA

Operating Temp (°C) -30° / +70°C (-22° / 158°F)

Colour Black

Approx. Weight (g) 58

### Mounting Data

Type Acrylic adhesive pad

### Cable Data

Type FR RG174 (UN ECE 118 compliant)

Diameter (mm) 2.6 (0.10")

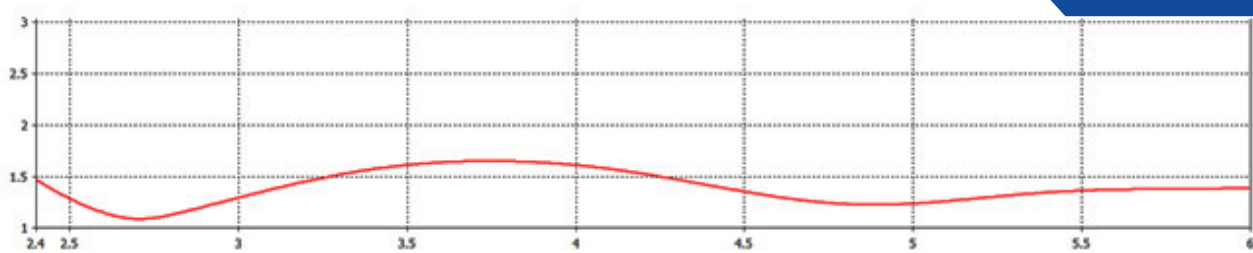
Length (m) 3 (10') 3 (10')

Termination SMA Plug Rev Pol SMA Plug

\*Typical VSWR as measured on a sheet of glass without cable \*\* Peak gain modelled in CST Microwave Studio excluding cable loss.

### Typical VSWR\*

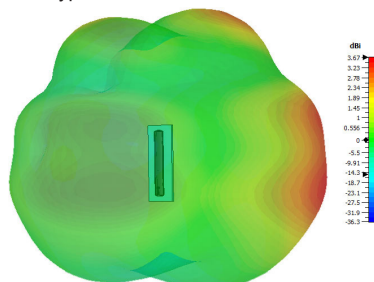
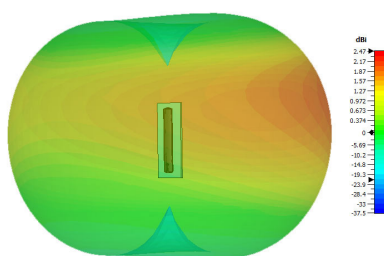
### Product Data



Typical 3D Pattern 2.4GHz MHz)

Typical 3D Pattern 5.0GHz

\*Typical VSWR as measured on a sheet of glass without cable.



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