

AER4/5G

4G & 5G Reception Antenna

Fitting Instructions

1. Fitting the mounting bracket to the back of the antenna.

- 1.1. Turn the antenna over and remove the 4 nuts and washers (fig. a)
- 1.2. Fit the mounting bracket and lock into place with washers & nuts (fig. b)

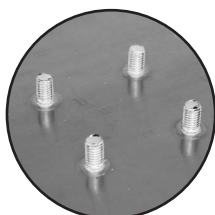


Fig. a

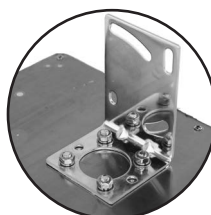


Fig. b

2. Mounting the antenna on the mast or wall bracket

- 2.1. Using the U bolts, nuts and clamp, prepare to fit the antenna (fig. c)
- 2.2. Mount to a mast or suitable wall mount such as an Antiference EM2 or EM3 L arm bracket (sold separately) (fig. d)
- 2.3. Clamp the U bolts around the mast or bracket and fit the nuts (fig. e)
- 2.4. Adjust the angle and direction and lock in place (fig. f)



Fig. c



Fig. d

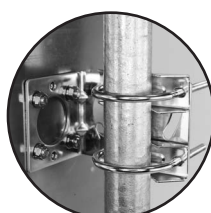


Fig. e



Fig. f

3. Running the cables to the router

The AER4/5G is fitted with twin SMA connections on 5m cables to connect directly to a router. The router must be located within this 5m range and the cables should not be cut or extended as this may affect performance. Connect the SMA connections to the router by removing the existing antennas and screw on, taking care not to overtighten.

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Package Contents

- x1 4G/5G reception aerial
- x2 U bolts
- x2 clamps
- x4 clamp nuts
- x1 mounting bracket
- x4 mounting nuts
- x4 mounting spring washers
- x4 mounting flat washers



Technical Data

- 4G & 5G reception aerial
- 9dBi gain
- Integrated twin 5m SMA connections
- Pole mountable (or wall mountable with EM2 bracket)
- Fully assembled ready for installation
- Sealed ABS white case

Technical Specification	
Electrical Specification	AER4/5G
Frequency Range	698-960MHz / 1710-2700MHz / 3300-3800MHz
Gain	9±1 dBi
Horizontal Beam Width	75±12° / 75±10° / 70±10°
Vertical Beam Width	55±8° / 70±5° / 65±5°
VSWR	≤2
Impedance	50Ω
Front to Back Ratio	≥20dB
Polarization	V + H
Maximum Power Input	50W
Lightning Protection	DC Ground
Mechanical Specification	
Connector	SMA x 2
Radome Colour	White
Radome Material	ABS
Cable	LMR200, 5m x 2
Dimensions	28 x 18 x 6.5 cm
Mounting	Pole Mount (or wall mountable with EM2 bracket)
Operating Temperature	-40~60°