



**TRIO**  
DATA COM

# Antenna - Directional

## 2.4 GHz ISM

**Model:** ANT2G4/16A  
ANT2G4/24A  
ANT2G4/13A



### Introduction

Directional antennas are designed in such a way that the pattern shape is focussed so that greater coverage can be obtained in a particular direction. Put simply, signals can travel greater distances.

Changing the design and mechanical properties of directional antennas effectively alters how far the signal travels in any given direction. Thus the application of a directional antenna involves a little more thought as to the radiation pattern or E(elevation) and H(Horizontal) plane beam widths. Remember, when deciding on directional antennas the higher the gain, the more 'pencil-like' the radiation pattern. An important consideration when aligning two sites over long distances.

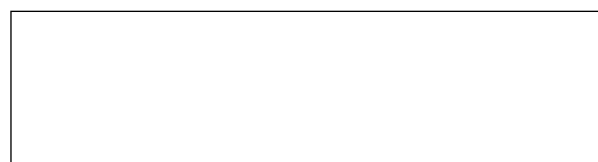
### Features

- ❖ High gain
- ❖ Narrow beamwidths
- ❖ Ideal for:
  - Wireless bridging
  - Point to point
  - Long distance links
- ❖ Grid, Yagi and Patch designs.

### Specifications:

Part No	Description	Gin (dBi)	Beamwidth E/H	VSWR	Dimensions (mm)	Weight (kg)	Mounting
ANT2G4/16A	Magnesium alloy, aluminium, and stainless steel grid reflector antenna	18	14°	<1.5:1	406 x 510 x 380mm	0.81	Mast
ANT2G4/24A	Cast magnesium alloy, parabolic grid reflector antenna	26	8°	<1.5:1	600 x 997 x 380mm	2.07	Mast
ANT2G4/13A	Radome enclosed yagi antenna	15	29° / 26°	<1.5:1	L=500mm D=100mm	2	Mast

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