

## Advanced MIMO OFDM Radio

### CableFree Antennas – 4.95-5.85 GHz Dual-Pol MIMO Dish 30dBi 60cm Overview



#### About Wireless Excellence

Founded in 1996 and with headquarters in Oxford UK, Wireless Excellence Limited is a leading designer and supplier of outdoor and indoor Broadband Wireless communication products.

With a complete range of solutions including Radio, Microwave, Millimeter-Wave, Free Space Optics, WiFi and 4G/LTE solutions, customers in over 70 countries have chosen Wireless Excellence as the “one stop shop” solution of choice for dependable wireless networking.

#### About Our OFDM Range

CableFree OFDM Radio solutions deliver the performance, reliable connectivity, and cost-effectiveness that are crucial to modern wireless broadband networks.

Our scalable wireless platform delivers superior performance even in demanding conditions, with the flexibility and features to enable a wide range of applications.

CableFree OFDM Radio technology combines the best hardware and software technology to ensure best possible network performance.

## Specifications

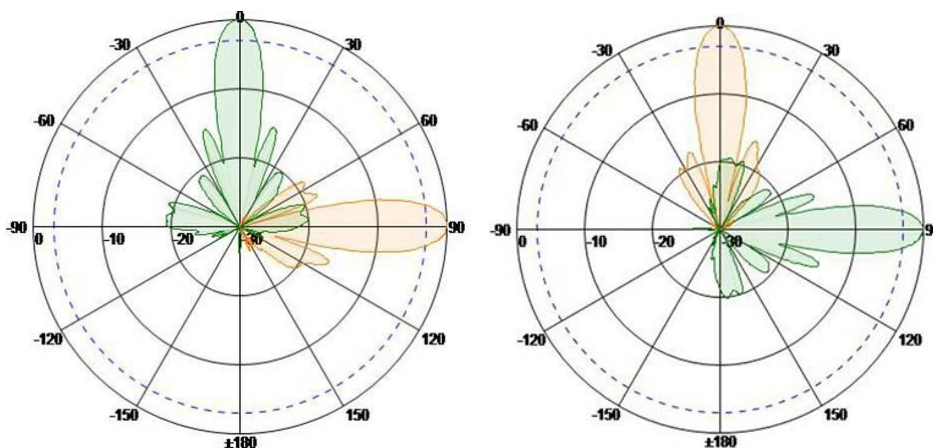
<b>Model</b>	<b>W5GD30P-DP</b>
<b>Frequency Range</b>	<b>4950-5850 MHz</b>
<b>Bandwidth</b>	<b>900 MHz</b>
<b>Gain</b>	<b>30dBi</b>
<b>Horizontal Beamwidth</b>	<b>5°</b>
<b>Vertical Beamwidth</b>	<b>5°</b>
<b>F/B Ratio</b>	<b>&gt;35dB</b>
<b>Isolation</b>	<b>&gt;28dB</b>
<b>V.S.W.R</b>	<b>≤1.5Type;Max 2.0</b>
<b>Nominal Impedance</b>	<b>50 Ω</b>
<b>Polarization</b>	<b>Vertical and Horizontal</b>
<b>Max. Power</b>	<b>100 W</b>
<b>Connector</b>	<b>2-N Female</b>
<b>Diameter</b>	<b>Φ0.6 m</b>
<b>Weight</b>	<b>5kg</b>

## Product Appearance



## Antenna Patterns

Radiation patterns taken at 5725 MHz



## RF Design & Engineering Support

Please contact Wireless Excellence before specifying antennas for your application.

Achievable range and data throughput will depend on site conditions such as line-of-sight, Fresnel zone clearance, buildings, and interference from other RF sources.

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