

Advanced MIMO OFDM Radio

CableFree Radio Antennas – 3.3-3.8GHz Dual Pol MIMO Panel 23dBi 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/5G/LTE, customers in over 80 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

Model	W3GD23P-DP
Frequency Range	3300-3800 MHz
Bandwidth	500 MHz
Gain	2x23dBi
Horizontal Beamwidth	9°
Vertical Beamwidth	9°
F/B Ratio	>28dB
Nominal Impedance	50 Ω
Polarization	Vertical and Horizontal
Max. Power	50 W
Connector	2x N Female
Dimensions	450x450x25 mm
Elevation Range	+/- 15deg
Azimuth Range	360deg +/- 30deg
Mast Diameter	30mm-50mm
Temperature Range	-30 deg C to +70 deg C
Survival Wind Speed	60 m/s
Weight	3.5kg

Product Appearance



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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