

Advanced MIMO OFDM Radio

CableFree Antennas – 4.95-5.85 GHz Dual-Pol MIMO Dish 36dBi 120cm 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

Model	W5GD36P-DP
Frequency Range	4950-5850 MHz
Bandwidth	900 MHz
Gain	36dBi
Horizontal Beamwidth	3°
Vertical Beamwidth	3°
F/B Ratio	>40dB
Isolation	>28dB
V.S.W.R	≤1.5Typ; Max 2.0
Nominal Impedance	50 Ω
Polarization	Vertical and Horizontal
Lightning Protection	Direct Ground
Max. Power	100 W
Connector	2-N Female
Mount	Pole (30-80mm)
Diameter	Φ1.2m (120cm)
Weight	25kg

Product Appearance



Notes:

Optional Radome is available, please contact us for details

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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