

CableFree Product Overview

**Radio FSO Dependable Gigabit Capacity Reliable MMW MIMO WiFi
4G/LTE Metro Networks Microwave Safe Cities CCTV Resilience**



Capacity up to 10Gbps +

Radio

Microwave

Millimeter Wave

Free Space Optics

Carrier WiFi

4G/LTE



Secure

Dependable

Cost Effective

High Performance

CableFree: A complete range of Wireless Products

Founded in 1996 and based in Oxford UK, Wireless Excellence manufactures the CableFree range of Carrier-Grade Outdoor & Indoor Wireless solutions. High performance, rugged, flexible & reliable solutions used by customers in 80 countries. CableFree is the ideal "one stop shop" solution for dependable wireless networking.



MIMO OFDM Radio P2P & P2MP

MIMO Radios up to 867Mbps • Point-to-Point • Point-to-Multipoint Networks • Flexible • Powerful and feature-rich • Unlicensed 2.4, 5GHz • Licensed bands up to 6.4GHz • CCTV-optimised features for Zero Packet Loss and Multicast Support • PoE support



Licensed Microwave (MW) Links

Licensed & Unlicensed Point-to-Point Microwave Radios • Capacities up to 3.5Gbps • Distances over 100km • Rugged and Feature-rich. • Available in popular bands from 4 to 42GHz • Ethernet/IP, TDM and SDH interfaces • Split-Mount and Full-Outdoor models



Millimeter Wave (MMW) Links

Point-to-Point MMW radios • Capacities up to 10Gbps+ • Distances up to 8-20km • Compact and extremely rugged • Simple to install • Available in 60GHz & 70-80GHz "E-band" • Ethernet/IP & CPRI interfaces • Full-Outdoor Radio • PoE support



Free Space Optics (FSO) Links

Point-to-Point FSO links • Capacities 2Mbps up to 1.5Gbps • Distances up to 4km • Compact and rugged • Simple and rapid to install • Ethernet/IP, TDM & SDH interfaces • Full-Outdoor design • UNITY FSO with Radio or MMW for ultra high Availability



4G/LTE Solutions

Complete 4G/LTE Solutions • Base Station, Core & CPEs • Indoor and outdoor coverage • Compact and extremely rugged • Simple and rapid to install • Mobility, WiMax Upgrade, Broadband ISP, Government, Safe City & Security Networks, 4G Operators



Carrier Grade WiFi

802.11ac/n/a/b/g • Indoor & Outdoor WiFi Units • Public Internet Hotspot 2.0 • 3G/4G Offload Solutions • Hotels & Education, Safe Cities • High Availability Carrier Features • Secure • Local & Centralised Control & Management

Applications

CableFree Wireless solutions are used in a wide range of applications in all types of environments.

Examples include:

- Wireless ISP & Broadband Providers
- CCTV "Safe City" Networks
- Last-Mile Communication
- UNITY: diverse media links for ultra high availability
- Resilience to cable/fibre leased lines
- Corporate LAN extensions
- Education: School & University Campus networks
- Law Enforcement & Security Networks
- National and Regional Government networks
- Ultra High Security Links

Global Reach

CableFree Wireless solutions power networks in over 80 countries around the globe. Proven over 20 years in the world's toughest and demanding environments with more than 2,000 networks deployed around the world, CableFree connects customers across a wide range of mission-critical applications.

Partner Programme

With installations in over 80 countries, the CableFree Partner Programme supports customers globally. Partners enjoy access to certified wireless training, wireless network design service, detailed post-sales support to ensure CableFree networks are deployed smoothly and reliability. Extended warranty and maintenance services can be arranged.

T: +44 (0)870 495 9169
E: sales@cablefree.net
W: www.cablefree.net

Wireless Excellence Limited
The Oxford Science Park,
G6, Magdalen Centre
Robert Robinson Avenue,
Oxford OX4 4GA