

WinLink™ 1000

5.8GHz ETSI Radio

The WinLink™ 1000 5.8 GHz ETSI-compliant radio provides high-quality TDM and Ethernet wireless connectivity for service providers and private networks in Europe. Part of the WinLink™ 1000 solution portfolio, the 5.8GHz ETSI radio complies with the latest ETSI regulation [EN 302 502 V1.1.1] allowing 4W maximum radiated power (EIRP), and also employs Dynamic Frequency Selection (DFS) mechanism as defined by this new ETSI standard.

Product Highlights

- TDM and Ethernet over a single wireless link
- Extended range; up to 4W EIRP
- OFDM technology enables operation in nLOS
- Robust interference-mitigation techniques
- Operates with WinLink 1000 IDU products
- Competitively priced

Specifications	
Frequency Bands	5.725-5.875 GHz
Radio Regulation	EN 300 216 V1.2.3, ETSI EN 302 502 V1.1.1 (2006-11)
Data Rate	Up to 48 Mbps air interface, 18 Mbps Ethernet throughput
Channel Bandwidth	20 MHz
Duplex Technique	TDD
Modulation	OFDM – BPSK/QPSK/16QAM/64QAM
Max Tx Power	14 dBm (set for 22dBi Antenna)
Received Dynamic Range	>60dB
Error Correction	FEC k=1/2, 2/3, 3/4
Dimensions	
ODU	With 1ft integrated antenna: 30.5cm(W) x 5.8cm(D) x 30.5cm(H) Weight: 1.5kg/3.3lbs Without antenna: 13.5cm(W) x 4.0cm(D) x 24.5cm(H) Weight: 1.0kg/2.2lbs
IDU-E	23.5cm(W) x 16.5cm(D) x 4.5cm(H) Weight: 0.5kg/1.1lbs
IDU-C	43cm(W) x 29cm(D) x 4.5cm(H) Weight: 1.5kg/3.3lbs

Antennas			
	Gain	Beam Width	Polarization
Integrated or External 1ft Antenna	22dBi	9°	Linear
Additional antennas are available upon request			