



# CFOL-05-23 5GHz Point to Point Radio

Datasheet: 071505

The CFOL is a true carrier-class radio using the 5GHz ISM band to achieve true TCP throughputs of up to 70Mbps.

## Main Features:

- High output power (27 dBm, 500 mW) - adjustable
- Adjustable Channel Width capability for throughput optimization
- ARQ (Selective Repeat) for very high throughput
- True TCP throughput up to 70 Mbps
- Magnetic Reset Capability
- 23 dBi Integrated Panel Antenna
- PoE built-in for single cable installation
- Advanced security technologies
- Comprehensive management features



## Electrical Specifications:

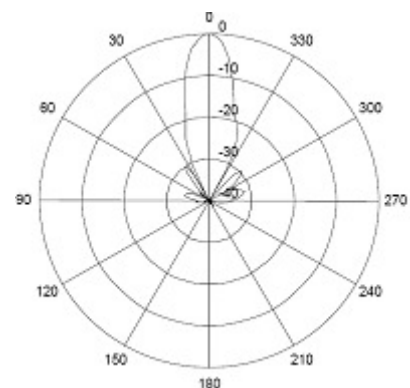
### Radio

WLAN Standard:	Proprietary
Radio scheme:	OFDM (64QAM, 16 QAM, QPSK, BPSK), ARQ
Error correction:	FEC, ARQ (selective repeat)
Channel width:	5/10/20/40 MHz
RF Output:	up to 27dBm/500mW
Receiver sensitivity:	-74 to -94dBm
Datarates:	3 to 70Mbps true Ethernet throughput
Operating Mode:	Point-to-point
Security:	Password protection., AES, SSH
Reset:	External via magnet

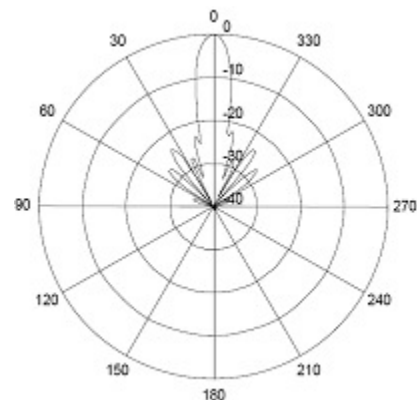
### Antenna

Frequency	5470 - 5875MHz
Antenna Gain	23dBi
Vert/Hor Beam-width	10°

Vertical RF Pattern



Horizontal RF Pattern



## Mechanical Specifications:

Reflector Size	300 x 300mm
Temperature range	-20°C to 60°C
Mounting:	Articulated bracket solution

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