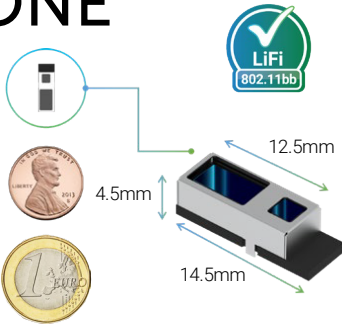


Light Antenna ONE



The pureLiFi's Light Antenna ONE provides OEMs with the capability to integrate LiFi technology into their connected devices. The Light Antenna is a baseband agnostic optical front end which enables high data rate Peer-to-Peer or Peer-to-Access Point connectivity. The Light Antenna Module (LAM) is compliant with the latest 802.11bb LiFi standard.

Performance Highlights

Data Rate	1 Gbps +
Range (cm)	20-300
Field of View	24 Degrees
Wavelength (nm)	850 ± 10
Baseband	Agnostic
Channels	Single or Multi-channel 300Mhz Max frequency support



High Speed & Low Latency

LiFi offers massive unlicensed bandwidth that enables stable low latency connections and ultra high speeds.



No Interference & Congestion

LiFi doesn't interfere with nor is interfered by RF which means LiFi can add bandwidth without complexity and congestion.



Makes Connectivity Better

LiFi does the heavy lifting on high bandwidth tasks. Therefore, any devices still on the WiFi network get a better connection than they did before.



Military Grade Security

LiFi is an inherently secure technology already used by defence and government organisations to enable connectivity where never before possible.