

LINXC Bridge

Wireless Broadband & Power Through Windows



Deploy 5G FWA or Fibre technology faster and at lower costs

- Eliminate the need to drill through structures to bring data inside the building
- Significantly reduce the installation cost of customer premises equipment
- Enable self-install for outdoor FWA or Fibre CPE

Description

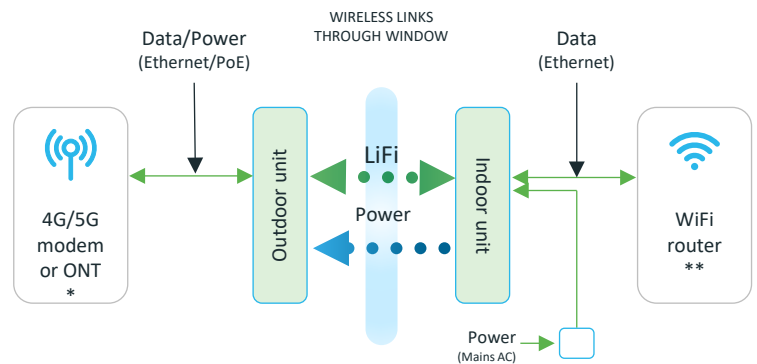
LINXC Bridge is an all-in-one, wireless power and data solution that enables the fast and low-cost deployment of FWA or Fibre equipment including 5G infrastructure. LINXC Bridge is a replacement for traditional invasive installation methods of outdoor CPE which require drilling through walls in residential or commercial buildings to run power cables to telecom equipment.

A LINXC Bridge system is comprised of a small indoor unit and outdoor unit which safely and reliably transfers up to 20W of power and 1Gbps of data through windows. The LINXC Bridge system is easy to install and connects directly to existing FWA or Fibre equipment. LINXC Bridge is available as a stand-alone system or a module that can be integrated into FWA or Fibre products.



Features

- Single product architecture for different glass thickness and Ag coating types (Ag1, Ag2)
- End user installable
- Compatible and interchangeable with various telecom equipment (i.e. 5G small cells and other FWA or Fibre devices)
- Safely delivers up to 20W of power and 1Gbps of data
- EMI compliance for CISPR-11, FCC Part 18
- No hidden licensing fees
- Leverages proprietary Solace wireless power platform and pureLiFi's data platform



* or LEO Satellite, Private 5G gNB, fibre ONT, WiFi AP, etc.

** or LAN, LiFi AP or Private 5G gNB, etc.

Subject to change

Contact us to discuss custom requirements.

OEM Integration of LINXC Bridge

The LINXC Bridge power and connectivity technology can be provided to OEMS for integration into future product roadmaps. The LINXC Bridge LiFi+Power Module allows OEMS the opportunity to reduce complexity and provide all new CPE capabilities to customers.

WIRELESS LINKS THROUGH WINDOW

LINXC Bridge LiFi+Power Module

LiFi+Power technology is also available as an embeddable module that CPE vendors can build into their own devices. Contact us for more details.

- ✓ Simplest self install
- ✓ Lowest complexity, cost & power consumption
- ✓ Differentiated CPE

pureLiFi | Solace

CPE vendor

* or LEO Satellite, Private 5G gNB, fibre ONT, WiFi AP, etc.
** or LAN, LiFi AP or Private 5G gNB, etc.

About Solace Power

Solace's wireless power solution delivers power to the outdoor unit and optionally to the broadband modem alongside the LiFi data connection, making installation even simpler and safer. Solace can also develop wireless power modules capable of transmitting power through walls and other structures, provided there are no large metal surfaces between the indoor and outdoor units. These systems can be tuned to varying power levels to optimize for cost, size, and distance of power transmission.

About pureLiFi

pureLiFi is the global leader in LiFi technology and the first to produce light antennas—the optoelectronic components which make optical wireless communication such as LiFi possible. pureLiFi can provide standalone modules capable of providing gigabit wireless links for a variety of use cases and applications—from industrial to consumer, and from smart cars to smartphones. pureLiFi also offers LiFi systems for customers who need to augment, enhance, or transform their wireless networks with the latest in wireless communications technology.



Let's Get Started!
<https://www.purelifi.com/products/linxc-bridge/>

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