

MAXIMIZE YOUR FIBER INVESTMENT

Distribution Point Unit (DPU)
Intelligently completing global fiber deployments

CAPTURE MORE REVENUE SOONER FROM AN EXISTING FIBER DEPLOYMENT

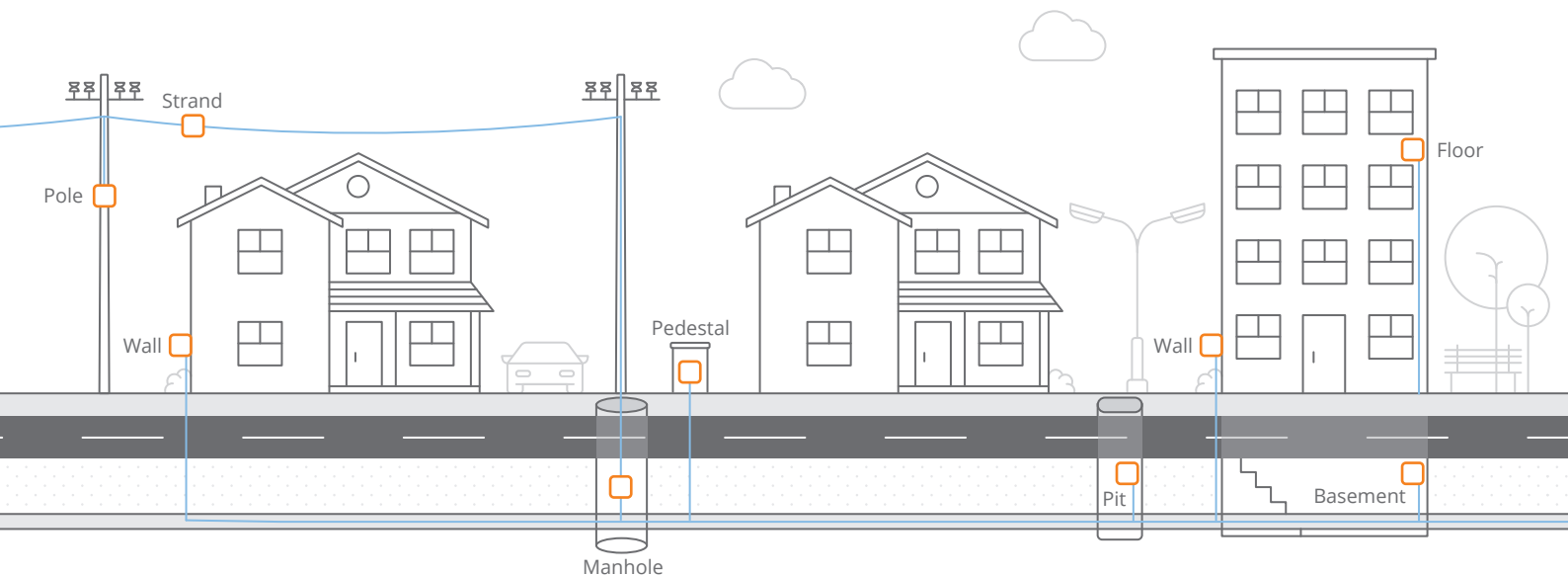
The increase in Fiber-to-the-Home (FTTH) deployments globally has seen a rise in consumer excitement amongst broadband users. These deployments will deliver higher-speed, lower-latency services, and enable customers to maximize the performance of their growing number of connected devices.

When deploying these FTTH services, however, there are multiple factors that can cause difficulties, such as:

- expensive last-hop deployment costs
- obtaining access to customer premises
- building preservation constraints
- complex Multi-Dwelling Unit (MDU) agreements

Responding to these factors, operators are turning to a fiber extension strategy. This strategy enables operators to improve the ROI on their existing fiber investment by making the previously inaccessible customers accessible. Providing operators with access to a larger market and end users with access to fiber-like gigabit speeds (using Gfast technology) for the first time.

With a successful Fiber Extension strategy in place, operators can be safe in the knowledge they can target and capture end-users skipped in an initial fiber rollout. deliver fast, reliable services that will drive customer loyalty in the face of numerous competitive offerings.





CASA'S FIBER EXTENSION DPU

Casa's Fiber Extension portfolio features a range of Distribution Point Units (DPU) that are designed to be professionally installed in different locations on or around the premises to deliver high-speed broadband access to homes and businesses.



A photograph of a row of modern, two-story houses with grey roofs and light-colored siding. In the foreground, a white Casa Systems DPU (Data Processing Unit) is mounted on a green surface. The DPU has a label with a QR code and the text 'casa systems'. It has several ports and cables connected to it. The background is a clear blue sky with some light blue diagonal stripes.

MULTIPLE SIZE OPTIONS

HIGH SPEED BROADBAND

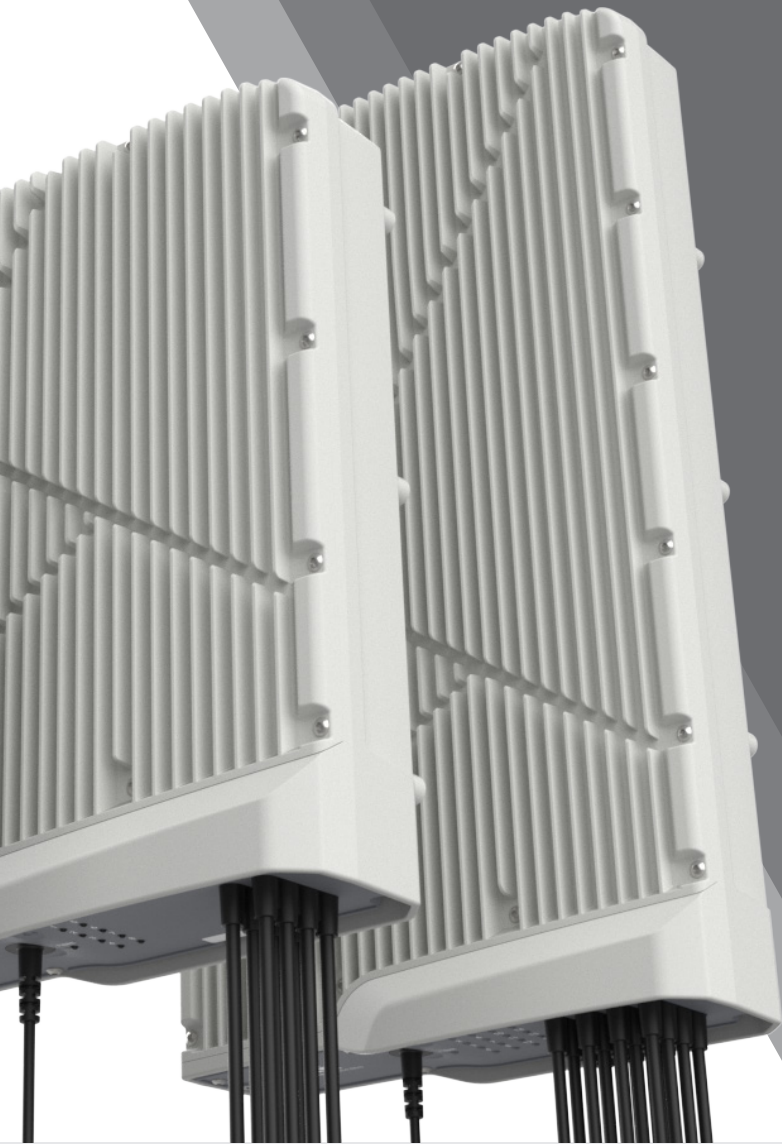
Gfast 212MHz provides aggregate speeds up to **2Gbps**, enabling the delivery of fiber-equivalent gigabit services over last-mile infrastructure.

POWERING OPTIONS

Operators have options to suit however they choose to deploy a **Casa DPU** in a **Fiber Extension environment**. The DPU can be traditionally powered from an AC connection in the network, or can be reverse powered via a **Network Termination Device (NTD)** or **Reverse Power Unit (RPU)**, avoiding potential costs or delays associated with providing a powered connection.

ADVANCED REMOTE MANAGEMENT

The DPUs support **Netconf/YANG**, offering full remote device management and troubleshooting by using a **Persistent Management Agent Aggregator (PMAA)**.



Casa understands that each fiber extension deployment is unique and operators not only have to architect their network around their existing infrastructure, but design a complete fiber ecosystem that addresses their individual deployment use case, factoring in future growth from gigabit to multi-gigabit services. Casa's extensive fiber extension portfolio addresses a broad range of use cases and deployment types, featuring varied size options, ensuring the operator can select a device that meets their requirements.

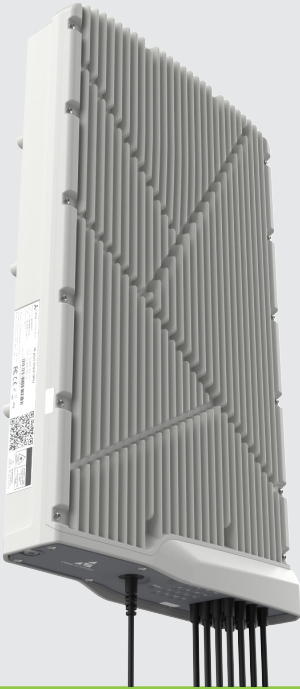
A FOCUS ON INTEROPERABILITY

Designed with **seamless network management** in mind, once deployed, **Casa's DPU's** and **NTD's** are made to present to the network like an existing ONT in a fiber network. Eliminating the need to invest in new IT and management infrastructure usually required in the introduction of new technology.

ANYWHERE INSTALLATION

Silent, energy-efficient passive cooling design withstands a wide temperature range from -20°C to +70°C. Fully sealed **waterproof outdoor housing** with **surge protection** provides **enhanced reliability** even in the toughest conditions.

16 PORT GFAST
DISTRIBUTION
POINT UNIT
DP160011



8 PORT GFAST
DISTRIBUTION
POINT UNIT
DP080011



4 PORT GFAST
DISTRIBUTION
POINT UNIT
DP040011



1 PORT GFAST
DISTRIBUTION
POINT UNIT
DP010011



DISCOVER CASA'S DPU PORTFOLIO

DESIGNED TO DELIVER FIBER-LIKE SPEEDS

Designed to deliver fiber-like speeds to end-users via a cost-effective, easy-to-deploy method, especially in scenarios where deploying the final fibre segment is difficult, expensive or impractical. The Casa Systems Gfast DPU range acts as a fibre-extender, delivering gigabit-class symmetrical services over the existing lead-in infrastructure.

Temperature

- Operating Temperature: -20°C to +70°C

Compliance

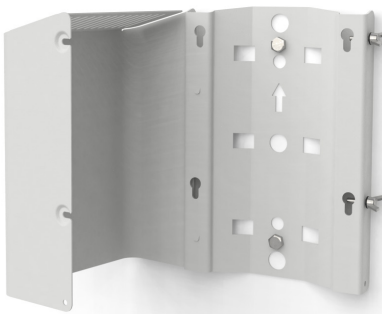
- IP68-rated
- K.45 Surge Protection
- CE, FCC, RoHS, WEEE

Connectivity

- GPON (ITU G.9807.1) port with fibre lead
- Gfast (ITU G.993.2/G.9701) ports with 1-pair copper lead



FIBER
EXTENSION
INSTALLATION
ASSISTANT
NDD-0203



INSTALLATION MADE EASY

Casa's field proven DPU installation methodology supports the installer throughout the end-to-end installation process to ensure an accurate, efficient and safe install is carried out at each site.

Installation Tool

The Installation Tool integrates a rechargeable RPU into a robust weather and shock resistant enclosure to enable the installer to power the DPU to freely carry out the site survey without having to find an external power source.

Mounting Kits

Casa's mounting kits have been designed to deliver a fuss-free installation, no matter where how you choose to deploy the device. The DPU mounting bracket is designed to simplify the installation process and can be used to deploy the device on a pole, on a wall, on a strand, in a manhole or pit, in a pedestal or inside a building (in the basement, car park, riser or utility space).



casa systems

US

CORPORATE HEADQUARTERS **ANDOVER**

Casa Systems Inc.

100 Old River Road, Andover, MA 01810
USA | +1 978 688 6706

AU

ANZ HEAD OFFICE **SYDNEY**

Casa Systems Inc. | Access Devices

18-20 Orion Road, Lane Cove NSW 2066, Sydney
Australia | +61 2 9424 2070

www.casa-systems.com