



# 16-PORT GFAST DISTRIBUTION POINT UNIT (DPU)

## DP160011

Data Sheet

Designed to provide a quick, easy and cost-effective alternative to Fibre-to-the-Home (FTTH) deployments, especially in scenarios where deploying the final fibre segment is difficult, expensive or impractical. The **Casa Systems DP160011 16-Port Gfast DPU** acts as a fibre-extender, delivering gigabit-class service over the existing copper lead-in cable.



### HIGH SPEED BROADBAND

**Gfast 212MHz** provides aggregate speeds up to 2Gbps, enabling the delivery of fibre-equivalent gigabit services over legacy copper.



### REVERSE POWER

The DPUs are reverse powered by the **Network Termination Device (NTD)** installed in the end-user premises, avoiding the cost and delay associated with providing a local AC power connection and eliminating potentially difficult negotiations with apartment owners over access to, and charges for, AC power.



### ADVANCED REMOTE MANAGEMENT

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



### 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.



## DEPLOYMENT SCENARIOS:

Indoors, outdoors, on walls, in pits or on poles.

## KEY FEATURES

- Gfast 212a profile
- Full support for ITU G.9701 G.fast specification including Amendments 1, 2 & 3
- Robust - designed for underground-pit, pole mount and wall-mount installations
- Passive cooling design with a wide temperature range of -20°C to +70°C
- IP68 rated, industrial grade product that can be installed underground
- K.45 surge protection
- Installation tool and accessories enable easy, quick and reliable installation
- Magnetic button on front panel allows technicians to re-activate LEDs, reboot DPU or restore factory default settings with a magnetic wand
- 1 x GPON (ITU G.984) port – outdoor-rated fibre lead with hardened connector
- 16 x Gfast (ITU G.993.2/G.9701) ports with outdoor-rated copper lead

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### HEAD OFFICE US

#### **Casa Systems**

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

AU

### AUSTRALIAN OFFICE

#### **Casa Systems** | Access Devices

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

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[www.casa-systems.com](http://www.casa-systems.com)