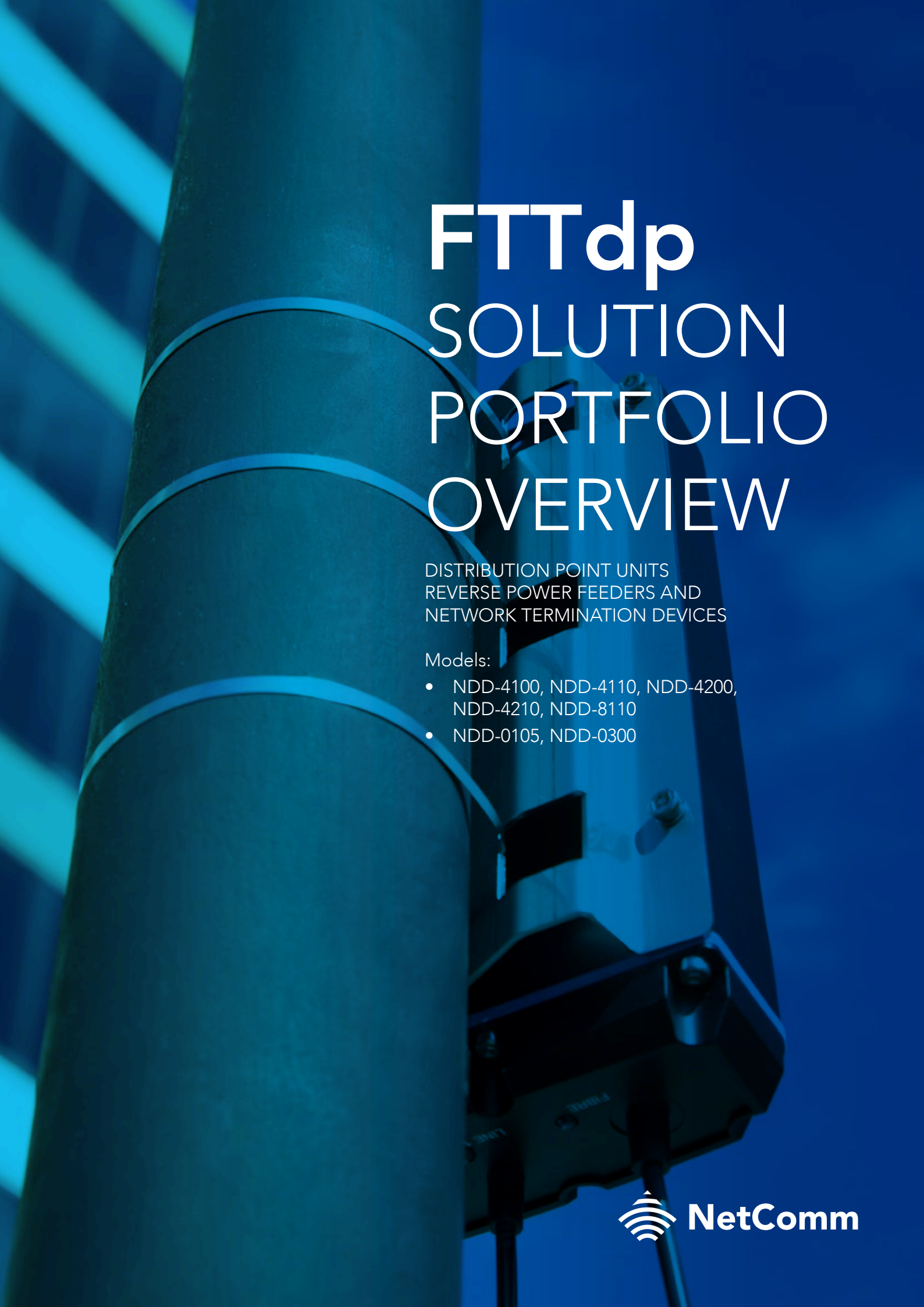


FTTdp SOLUTION PORTFOLIO OVERVIEW

DISTRIBUTION POINT UNITS
REVERSE POWER FEEDERS AND
NETWORK TERMINATION DEVICES

Models:

- NDD-4100, NDD-4110, NDD-4200, NDD-4210, NDD-8110
- NDD-0105, NDD-0300

NetComm

DELIVER SUPERFAST BROADBAND AS A SERVICE TO EVERYONE

It is no longer acceptable to deliver fast broadband to a portion of the population, while neglecting the hard to reach percentage of the footprint. Fibre-to-the-Home (FTTH) delivers Gigabit broadband speeds, however leading operators recognise the high cost and complexity of deploying fibre for 100% of their network.

Gfast 212 MHz and Fibre-to-the-Distribution-Point (FTTdp) are new generation technologies designed to deliver Gigabit broadband speeds over existing copper and coaxial networks.

GET TO GIGABIT FASTER WITH GFAST 212 MHz

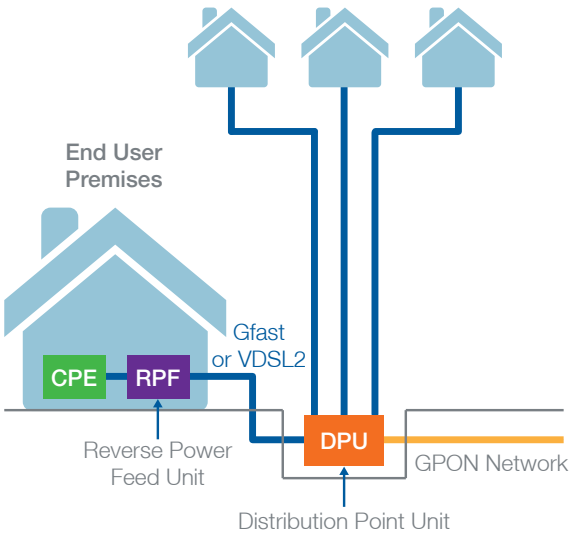
Fibre-to-the-Distribution-Point (FTTdp) deployments offer a commercially viable alternative, using Gfast 212 MHz Distribution Point Units (DPU) installed in a variety of locations. Locations can include (but not limited to) telecommunications pits, poles in the street outside a premises pushing fibre deeper into the network.

FTTdp enables operators to deploy ultrafast broadband networks cost-effectively utilising the full potential of existing copper infrastructure. By deploying Gfast FTTdp technologies, operators boost broadband speeds to Gigabit extending the life of their existing network infrastructure cost-effectively.

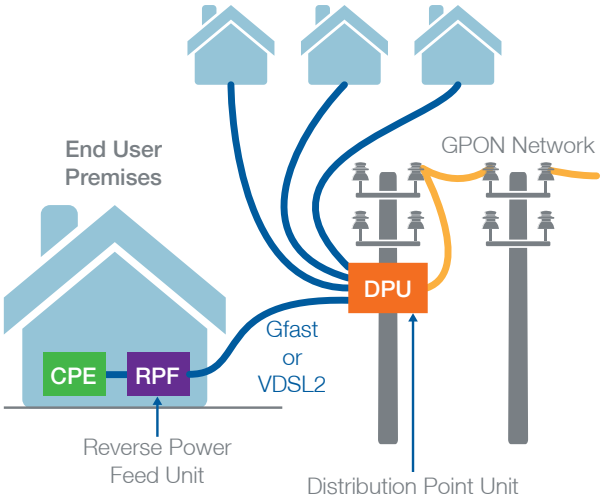
NetComm Wireless
DPU Solutions

World first reverse powered Gfast 212 MHz and VDSL2 DPUS connect fibre from the distribution point to the existing copper lines to deliver a Gfast 212MHz connection. Reverse powered over up to 200m of existing copper lines, there is no need to install power sockets at the distribution point to provide aggregate Gigabit speeds.

Including network grade OAM remote management software, NetComm Wireless DPU solutions allow critical monitoring and diagnostics reporting on the actual line to ensure optimal network performance.



UNDERGROUND DEPLOYMENT



AERIAL DEPLOYMENT

DPU Product Portfolio
Overview





	NDD-4110	NDD-4100	NDD-1100	NDD-4200	NDD-4210	NDD-8110
Access	GPON	2.5 Gbps GPON	2.5 Gbps GPON	DOCSIS 3.1	DOCSIS 3.1	GPON
Lead-in	Gfast 212 MHz VDSL2 fallback	VDSL2- 17a and 30a profiles	VDSL2- 17a and 30a profiles	VDSL2- 17a and 30a profiles	Gfast 212 MHz VDSL2 fallback	Gfast 212 MHz VDSL2 fallback
Speeds over copper lengths of 100m	Up to 2Gbps*	Up to 100mbps*	Up to 100mbps*	Up to 100mbps*	Up to 1.2Gbps*	Up to 2Gbps*
# of subscribers	4	4	1	4	4	8 or 16 lead-ins
Operating temp.	-20°C to 70°C					
Housing	Fully sealed and submersible outdoor design - IP68					
Reverse Power	Yes - using NetComm Wireless NTD or RPU					
Deployment	FTTdp Pits, Poles, Walls					

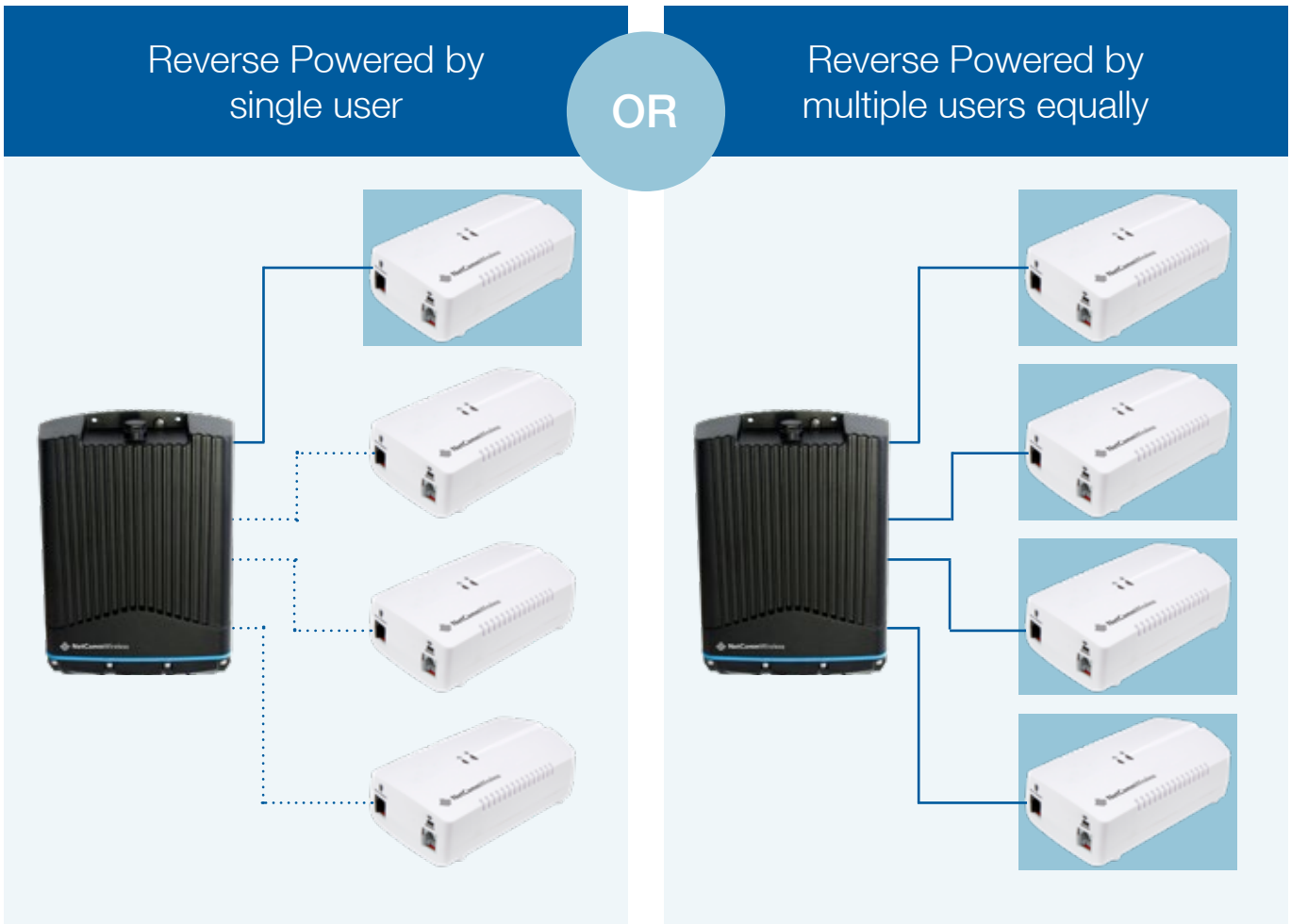
** Speed depends on variables such as physical copper line quality & loop length.*

Network Termination Device (**NTD**)

Providing power remotely to the DPU is the the Network Termination Device (NTD) installed at the customer premises. The NetComm Wireless solution optimises time and cost by circumventing power supply installation at the distribution point. It supports the latest International Telecommunication Union (ITU) Gfast specification amendments, complies with Broadband Forum TR-301 requirements and uses leading edge silicon technology that co-exists with VDSL2, so operators can scale their deployments in line with market demand.

Fair Reverse Powering

The NTD combines both modem and reverse power functionalities into a single product that allows the DPU to be powered from the customer's premise. The customer service is activated at first connection of the NTD in each premise, and power is evenly shared between the number of users connected.



Reverse Power Unit Product Portfolio

Overview

	REVERSE POWER FEED UNIT	Network Termination Device
Model number	NDD-0105	NDD-0300
Copper loop length	Up to 200m	Up to 200m
Features	Reverse power technology POTS pass through	Embedded Gfast/VDSL modem Reverse power technology POTS pass through
Interoperability	Operate with all NetComm DPU models	
Installation	Self installed at the end user premises	
Deployment	FTTdp	

Listen.
Innovate.
Solve.

For over 36 years, NetComm Wireless has engineered new generations of first to market technologies and helped to change the way that the world communicates.

Innovation comes from our people. Working together, from all parts of the globe, we listen to our customers and achieve innovation through a unique understanding of the challenges and opportunities of a connected world.

No matter the challenge, we look at the world through the eyes of our operator partners and customers and innovate solutions engineered to deliver lasting results in line with specific business needs.

Whether transforming rural and regional communities with superfast Fixed Wireless; optimising business efficiencies with smart wireless Industrial Internet of Things (IIoT) solutions, or extending network infrastructure with Fibre or Cable to the distribution point – NetComm Wireless is backed by the experience, expertise and capabilities needed to optimise outcomes.

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