



## What does this mean?

Fibre in New Zealand has just taken an exponential leap forward with Hyperfibre.

This new era will give Kiwis access to one of the fastest broadband networks available on the planet.

The exhilarating speeds of Hyperfibre mean users can immerse themselves in ultra-smooth, high-capacity and low-latency broadband.

Hyperfibre offers speeds of 2000 Mbps, 4000 Mbps and 8000 Mbps (in selected locations) – for both upload and download – meaning users can consume and create content online simultaneously and much much faster.

# Technical specifications

Hyperfibre is delivered over XGS-PON technology. It is a next generation technology that support speeds of up to 10 gigabit per second (Gbps) downstream and upstream, deployed over our existing nationwide fibre infrastructure. XGPSON technology enables you to reach an internet speed of up to 10Gbps for download and upload regardless of the distance.

The new service co-exists with today's fibre services making it a natural evolution for those looking for even faster plans with an easy upgrade path.

Hyperfibre comes with a new ONT (optical network terminal) purposefully designed to allow you to get the best use of our next-generation speeds.

Features	
<b>1 x</b>	10GE (LAN 10G) - one 10GBase-T 10Gbps Ethernet port
<b>4 x</b>	GE (Lan 1, 2, 3, 4) - four 1000Base-T 1 Gbps Ethernet ports
	802.11ac 4x4 gigabit WiFi
<b>2 x</b>	USB (USB 1, 2) - two USB 3.0 interfaces in residential gateway (RGW) model

Dimensions	
<b>Height</b>	76.6 mm (3.0 in)
<b>Width</b>	190.3 mm (7.5 in)
<b>Length</b>	290.3 mm (11.4 in)
<b>Weight</b>	1.24 kg (2.7 lb)

Power	
<b>Power Consumption</b>	≤46 W up to 26% reduction in W/Mbps for Hyperfibre ONT



# Technical specifications continued

	Home	Small Business	Business	Education
<b>Network</b>	Customers connected to the existing Chorus fibre network			
<b>Speed</b>	2000 Mbps, 4000 Mbps & 8000 Mbps*	2000 Mbps, 4000 Mbps & 8000 Mbps*	4000 Mbps & 8000 Mbps*	4000 Mbps & 8000 Mbps*
<b>Symmetrical</b>	✓	✓	✓	✓
<b>Services</b>		Business Restore 24/7 Support	Business Restore 24/7 Support	Business Restore 24/7 Support
<b>ONT</b>	New Hyperfibre optical network terminal required			
<b>Other features</b>	<ul style="list-style-type: none"> <li>• Low traffic class:               <ul style="list-style-type: none"> <li>– 2000 Mbps down/2000 Mbps up</li> <li>– 4000 Mbps down/4000 Mbps up</li> <li>– 8000 Mbps down/8000 Mbps up</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Low traffic class:               <ul style="list-style-type: none"> <li>– 2000 Mbps down/2000 Mbps up</li> <li>– 4000 Mbps down/4000 Mbps up</li> <li>– 8000 Mbps down/8000 Mbps up</li> </ul> </li> <li>• High traffic class: 2.5 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>• Low traffic class:               <ul style="list-style-type: none"> <li>– 4000 Mbps down/4000 Mbps up</li> <li>– 8000 Mbps down/8000 Mbps up</li> </ul> </li> <li>• High traffic class:               <ul style="list-style-type: none"> <li>– 10 Mbps, 20 Mbps, 50 Mbps &amp; 100 Mbps</li> </ul> </li> <li>• CE-VLAN transparent</li> </ul>	<ul style="list-style-type: none"> <li>• Low traffic class:               <ul style="list-style-type: none"> <li>– 4000 Mbps down/4000 Mbps up</li> <li>– 8000 Mbps down/8000 Mbps up</li> </ul> </li> <li>• High traffic class:               <ul style="list-style-type: none"> <li>– 10 Mbps, 20 Mbps, 50 Mbps &amp; 100 Mbps</li> </ul> </li> <li>• CE-VLAN transparent</li> </ul>

\*8000 Mbps plans are only available in selected locations in Auckland and Wellington. Check your address at [chorus.co.nz](http://chorus.co.nz). As demand grows we will gradually expand availability across the Hyperfibre network.