

WIRELESS ETHERNET

Fibre-like connectivity with fast deployment



Kordia™ Wireless Ethernet operates in Kordia™'s licensed 26 GHz management band and can deliver up to 20Mbps Layer 2 Ethernet connectivity. The service is capable of supporting voice, business applications and general internet data. The service is provisioned with a combination of an access speed and committed bandwidth for key applications.

No long lead-times for deployment - we aim to provide the service within ten days if the required site is within our existing coverage areas.

Kordia™ Wireless Ethernet is now available in Auckland, Hamilton, Rotorua, Gisborne, Palmerston North, Greymouth, Oamaru, Dunedin and Invercargill.

We can add coverage to new areas based on customer demand.

A Wireless Ethernet service is delivered between the customer location(s) to the nearest Kordia ISN node where it can be connected into a standard Layer 2 or Layer 3 ISN service depending on the customer requirements. Kordia™ is responsible for provisioning, uptime and fault resolution of the service.

The Wireless Ethernet service is delivered to the customer on a standard 802.3 Ethernet port with RJ45 interface. This port can either be untagged for a single service or 802.1q VLAN tagged with each VLAN representing a separate Wireless Ethernet service. E1 interface is also available.

The following table shows the access speeds and committed information rates that are available on the Wireless Ethernet service.

Access Speed	CIR Rate
2Mbps	0.5, 1 Mbps
5Mbps	0.5, 1, 2, 3, 4, 5 Mbps
10Mbps	0.5, 1, 2, 5, 10 Mbps
20Mbps	2, 5, 10 Mbps
>20Mbps	By application

Each service will have the ability to peak to the defined access speed, but will be guaranteed capacity up to the CIR rate of the service. Wireless Ethernet offers high speed services where fibre may not be viable, or where diversity is required.

