

## Ethernet 100

Ethernet 100 is a scalable, low latency MEF-aligned service provided over a 100Mb/s Ethernet access link. It is available within all our active cities.

The service is presented at the aggregation head end and handed over via an ENNI at the CityFibre FEx. The ENNI handover for this service is included at 10Gbps within the same Metro area.

As with all our Ethernet products, Ethernet 100 enjoys a standard 5-hour repair SLA and is delivered over a core infrastructure designed in rings to maximise resilience.

### Market Opportunity

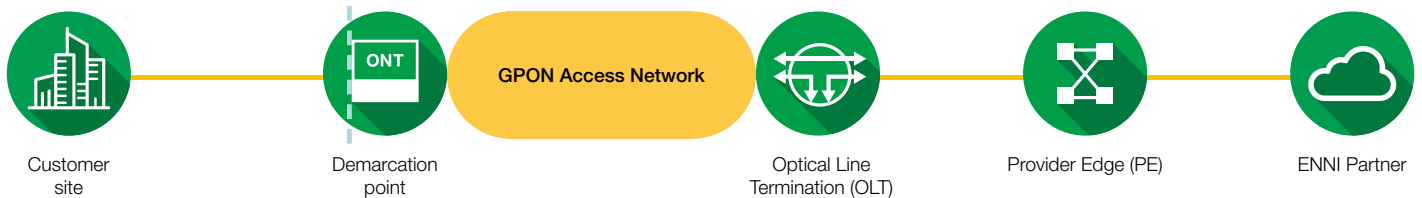
Provides dedicated, reliable and symmetrical high bandwidth services to meet a multitude of business needs, including:

- Point to point circuits, connecting SME's or large businesses, campuses, and public sector sites, or extending a wide area network
- Backhaul from CityFibre FEx's, BT Openreach exchanges, local data centres or other fibre aggregation nodes

### Key Benefits

- 100Mb/s symmetrical connectivity to connect single sites to a CityFibre FEx
- Delivered over an independent, modern fibre network
- ENNI handover included at 1Gbps or 10Gbps
- Simple, competitive pricing
- 1 and 3 year minimum terms
- 5-hour repair SLA
- Per-circuit and network availability SLAs
- Free upgrades to Ethernet 1000 Flex

### How it works



### Features

<b>Peak information rate</b>	100Mb/s (between the ONT and OLT)
<b>Committed information rate</b>	100Mb/s
<b>Symmetrical speeds</b>	Yes
<b>Single fibre</b>	Yes
<b>Route distance</b>	≤20km
<b>Demarcation point</b>	Ethernet port on ONT
<b>Equipment</b>	Calix GigaPoint 801G V2 ONT
<b>Customer presentation</b>	Copper (RJ45)
<b>ENNI handover</b>	10G within a metro area (standard)
<b>Management link</b>	In band via aggregation head end
<b>Target delivery time</b>	45 business days (standard orders)
<b>Delivery SLA</b>	Yes (standard orders)
<b>Network availability SLA</b>	Yes – 99.9%
<b>Per circuit availability SLA</b>	Yes
<b>Critical repair SLA</b>	5 hours
<b>Support hours</b>	24/7/365
<b>Term options</b>	1 and 3 years

Full technical and equipment specifications are available in our [Ethernet Service Description document](#).

## Why take Ethernet services from CityFibre?

CityFibre have teams to handle all aspects of service delivery and repair, including order management, wayleave processes and street works co-ordination. Our installation, repair and maintenance teams are all quality-controlled and managed in-house.



### Order categorisation

All Ethernet orders are categorised once a survey has been completed. A standard order categorisation covers build up to 75 meters – including cabling and splicing requirements



### Delivery certainty

We provide committed delivery dates when all build consents are in place – after this, they are never changed



### Additional build

We minimise or waive additional build costs whenever possible. Where unavoidable, we notify at the survey stage and seek permission to proceed



### Service shifts

Whether it is the start of your Full Fibre journey with us or you are simply continuing to expand on our network, CityFibre will aim to provide consistent support throughout



### Tools and systems

We aim to provide easy interfacing with simple quote, order and audit capabilities. Advanced levels of programmability and automation will also become available in future

**Full Ethernet service delivery and management terms are available in our Master Services Agreement**

**Our goal is to make it easier for you to do business, while reducing your costs.**

As well as market-leading connectivity prices, we can support interconnect at BT exchanges, or help you save money by avoiding them altogether.

### We also invite you to talk to us about:

- Multi-route/fibre deals
- Call-off contracts
- Capital leasing (IRU)
- Migration from other operators
- Long term network transformation
- Anchor partner opportunities
- Joint network build and expansion
- Build, operate, transfer options
- Supplier and connectivity diversity

[www.cityfibre.com](http://www.cityfibre.com)

Information provided in this document is subject to change. All services are provided subject to CityFibre contractual terms and conditions. © CityFibre Limited. Registered office: 15 Bedford Street, London, WC2E 9HE, England. Company no. 09759465.

**For more information about our products, or to discuss becoming a partner, email:**  
[wholesale-sales@cityfibre.com](mailto:wholesale-sales@cityfibre.com)