CityFibre

Fibre To The Home (FTTH)
Local Access

A gigabit speed Ethernet product used to cost-effectively serve lightening-fast connectivity to homes across our local Full Fibre connected locations.

FTTH Local Access allows you to handover locally at any location where we have an existing CityFibre FEx (Fibre Exchange) and fibre footprint. It enables ISPs to maximise on their existing infrastructure investments providing access to a much wider fibre ready residential footprint.
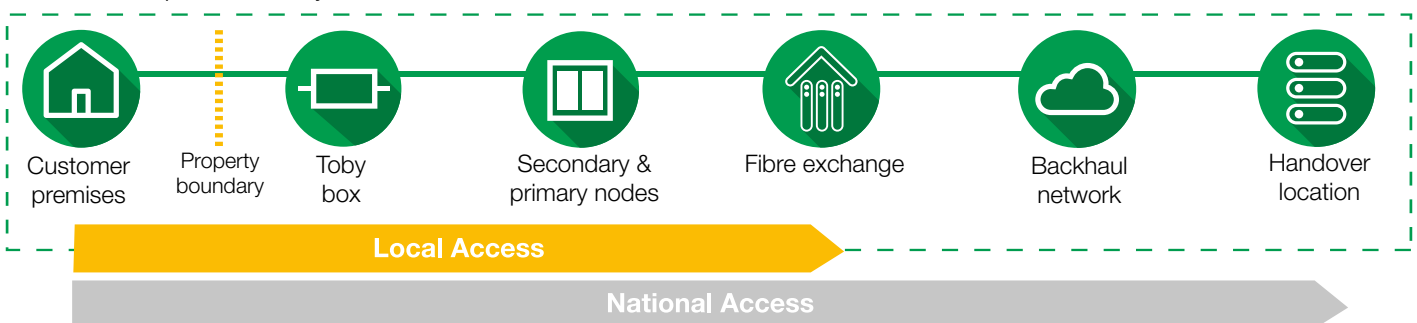
Market opportunity

With the rapid rise in connected devices, smart home technologies and bandwidth consumption, our Full Fibre Local Access service enables you to meet your customers' current and future connectivity needs. With the ability to offer your own choice of voice and data packages, we provide local access across our rapidly expanding network footprint, making it more cost effective and competitive for you to serve your chosen areas. Ideal if you're an established ISPs who:

- already have network presence locally or across the UK
- want to access the best rates CityFibre can offer
- are ready to invest in our local exchanges to bolster your market share

Key Benefits

- → Symmetrical, Full Fibre service enabling bandwidth services up to 1Gbps
- → Guaranteed committed rates
- → Highly reliable, future proof digital infrastructure
- → Market leading commercials
- → Leverage current local network infrastructure and investments
- → Rapid onboarding process, with choice of low-cost interconnect models
- → Comprehensive SLAs
- → Full API suite for system automation

How it works

Given ISPs have different needs and geographic footprints, we have created two products that provide access to our Full Fibre Network: Local Access and National Access. Local Access is delivered across our network from the ONT in the resident's home to the ODF handover point in the CityFibre FEx.

Customer premises — Property boundary — Toby box — Secondary & primary nodes — Fibre exchange — Backhaul network — Handover location

Local Access

National Access

Features

Use our true Full Fibre optical network to deliver superior speeds, greater reliability, future scalability and improved customer experience in comparison to copper and hybrid copper/fibre alternatives.

Bandwidth	~1Gbps symmetrical service (CIR 70/35)
Specification	Layer 2 Ethernet over PON, Non-transparent PPPoE
Split ratio	Shared 1:32
Line profiles	Standard CityFibre profiles or ISP own line profiles
Usage	Unlimited use with no caps
Installation	Standard install in 6 working days, Monday to Friday
Fault reporting / technical support	24/7/365 UK based support
Repair SLA	End of next working day

Available footprint

With our open-access, Full Fibre Network rapidly scaling to reach eight-million premises by 2025, our FTTH Local Access product is being rolled out nationally with new locations being made available all of the time.

Speak to our Sales Team to find the full extent of our current and planned network footprint, or visit: cityfibre.com/rollout

Technical overview

Ethernet	Interfaces	ENNI	VLAN	Handover options
• Ethernet II or 802.3 • 802.1q tagged interface with VLAN id 0 or 911	ONT supports: 1xUNI Per UNI:	• Ethernet: 802.1ad VLAN • ENNI MTU size: 9126 bytes	• CE-VLAN ID for all customer frames: VLAN 0 (default), VLAN 911 • UNI MTU size: 1900 bytes	Remote link from the CityFibre FEx to a local third party PoP or Data Centre Colocation in a CityFibre FEx

Why take Local Access from CityFibre?

Symmetrical, guaranteed bandwidth
A full gigabit symmetrical service with a guaranteed, committed rate as standard, enabling you to provide the best possible online experience at any time of day

Superior service experience
Committed to service excellence from installation to repair, backed by our reliable, high performing network and market leading service level guarantees

Choice of access models
Optimise your network assets. Use Local Access in cities where you have or plan to have local network presence, and National Access to fill network gaps or secure nationwide presence

Attractive commercials
Accelerate the shift from copper to Full Fibre with our highly competitive rental, connections charges and incentives

Supportive onboarding process
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

Future proof network
Our modern built network and ring-based architecture, combined with our well-planned approach to city wide deployment means our Full Fibre service is designed to meet your needs today and for years to come

www.cityfibre.com

Contact our team to discuss how we can help you grow your business, email: ConsumerSales@CityFibre.com

CityFibre