

What is fibre?

To put it simply, fibre is the future of the UK's broadband infrastructure. Traditional copper telephone cables were never designed to carry the large amounts of data used by modern internet connections, so there's a limit to the broadband speeds available when using a copper based infrastructure.

We're already using fibre alongside copper for existing Fibre to the Cabinet (FTTC) connections, but these connections are still limited by their copper component.

Our modern, Fibre to the Premises (FTTP) infrastructure removes this copper limit by providing a dedicated path of light through glass fibre cable from the telephone exchange all the way to your individual plots. Ultrafast speeds of up to 1Gbps are possible on a Full Fibre connection, more than 10 times faster than an average FTTC connection.



Tough and reliable

Unlike copper, fibre isn't affected by electromagnetic and other signal interference or weather, which means fewer faults and interruptions



Connectorised

Our fibre is fitted with a plug and play system, meaning installs are quick and easy

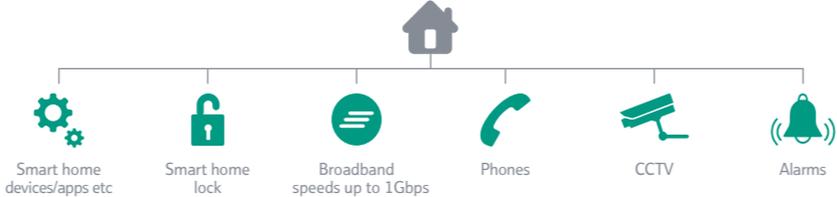


Familiar civils

Fibre uses the same type of ducts and joint chambers as copper, so your on site teams won't need any additional training to get started or interruptions

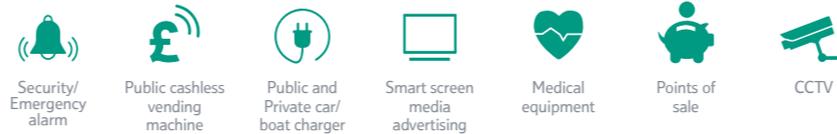
No need for copper

FTTP replaces the need for copper altogether through providing traditional voice services (using Internet Protocol (IP) technology) along with ultrafast broadband speeds, over the same FTTP line. Indeed, copper is not even required for almost all additional service or telemetry lines you may need in communal areas e.g. door entry, monitoring lines or building alarm systems. If you believe you have a requirement for copper on your site, please speak to us on **0800 783 2023** Option 2 or email us via nsrecep@openreach.co.uk



Commercial premises

If your residential development includes any commercial premises, these too can benefit from being connected with FTTP as having a single Full Fibre connection replaces the need for multiple copper lines. Almost all traditional copper line services can now be provided as IP based solutions over an FTTP line. There is no need to install copper into your commercial premises altogether as many suppliers now provide a wide range of devices compatible with FTTP/IP. To list a few:



Starting your fibre journey

We want to work with you from the earliest possible stage of your new development. Make sure you register your site with us as soon as possible and we'll help you with your fibre network deployment so you get the equipment and support you need, when you need it.

To register your site or for more information, visit us at: openreach.co.uk/propertydevelopment

www.openreach.co.uk

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Ultrafast Full Fibre infrastructure for smaller new build sites

Explore the benefits of Full Fibre broadband in new build homes for you and your customers

How fibre infrastructure benefits you

Improve the value of your new homes

Studies have shown that a high quality broadband connection can increase the value of a house by up to 1%, with poor quality broadband potentially reducing house prices by up to 3%*.

A fibre connection will provide potential home buyers with peace of mind that their increasing data demands will be met, and provide an attractive feature when selling your homes.

Future-proof infrastructure ready for new products

We're not the only ones who believe fibre is the future for connectivity in the UK. The government has outlined its plan to reduce traditional copper cable usage, with the existing copper network eventually being removed.

Installing fibre in your new builds means your houses will be future-proofed ready for the UK's transition to a fibre nation. Our fibre cables are also ready to take advantage of faster speed products communications providers will be offering in years to come, meaning home owners can upgrade to brand new services quickly and easily.

Open access with great choice

The Openreach network is open access, which means that any communications provider can run its broadband service over the fibre we install.

Thanks to our open access offering you can give your potential buyers the greatest choice of services ready to order on the day they move in. Visit the link below to view the current list of communications providers offering ultrafast products.

openreach.co.uk/fibre-broadband

Take control of the internal equipment install

Our developer self-install programme gives you the opportunity to install the in-home equipment on your own terms, allowing your own people or contractors to fit the Openreach provided kit at a time that suits your build schedule. Visit the link below to see just how easy it is.

openreach.co.uk/propertydevelopment

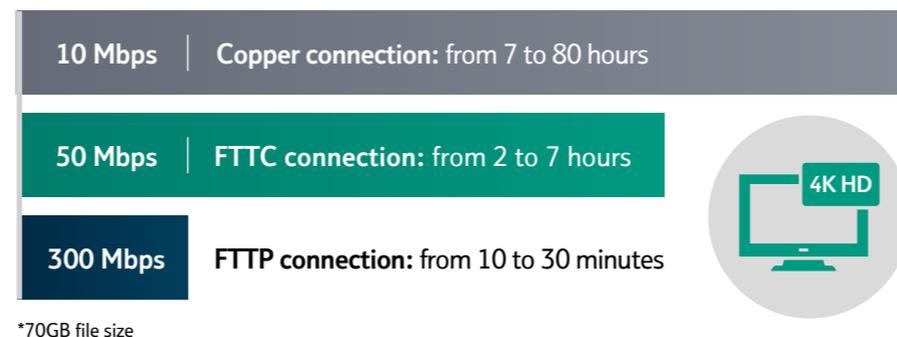
The benefits for your home owners

Ultrafast speeds for every home and user

Everyone in the home can do their thing online, all at once. Fibre can deliver 4k content streaming, online gaming, HD video calls and home working on the same connection, at the same time.

The connected home is quickly becoming the new standard, with the examples above, joining smart heating systems, utility meters and in home assistants requiring a constant internet connection to function properly. Full Fibre infrastructure ensures your home owners can take advantage of these and future smart home devices.

Example download times for a 4k film*



The right product for the right home

Thanks to its superior stability and data transfer qualities, Full Fibre broadband can deliver reliable speeds with no variation. This means communications providers can offer products suited to the data needs of customers, with upgrades available as and when the customers need them. When future products with faster speeds are offered by communications providers, homeowners will be able to upgrade with ease thanks to the futureproof Openreach Full Fibre infrastructure.

An affordable solution for sites with fewer than 20 plots

We're passionate about providing ultrafast broadband for the entire country, and we want every new build home to have access to the fastest speeds available. Take a look at the rate card below to see the costs per plot and per site for various site sizes.

Plots	Contribution per plot	Contribution per site
19	£255	£4,845
18	£290	£5,220
17	£328	£5,576
16	£369	£5,904
15	£415	£6,225
14	£467	£6,538
13	£524	£6,812
12	£588	£7,056
11	£662	£7,282
10	£747	7,470
9	£1,000	£9,000
8	£1,200	£9,600
7	£1,400	£9,800
6	£1,600	£9,600
5	£1,800	£9,000
4	£2,000	£8,000
3	£2,000	£6,000
2	£2,000	£4,000