

openreach



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

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

Why fibre for your new builds?

We're on a mission to bring ultrafast fibre to 3 million homes by 2020, because we know that homes and businesses across the country are already demanding a faster, more reliable broadband network.

Data usage in modern households has been growing by 40% year on year, and with homes now featuring more connected devices than ever before a fast, futureproof broadband connection is considered an essential service by many new homebuyers.

Take a look inside to further explore the benefits of fibre for you and your customers.

How fibre infrastructure benefits you

Improve the value of your new build 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 homebuyers with peace of mind that their increasing data demands will be met, and provide an attractive feature when selling your homes.

Futureproof 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 recently 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 futureproofed 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 homeowners 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. Numerous providers have already signed up to provide ultrafast broadband services, with more on the way as demand for faster speeds and greater data usage increases.

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.

www.openreach.co.uk/ultrafast

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.

www.openreach.co.uk/propertydevelopment

The benefits for your homeowners

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 homeowners can take advantage of these and future smart home devices.

Example download times for a 4k film*

10 Mbps | Copper connection: from 7 to 80 hours

50 Mbps | FTTC connection: from 2 to 7 hours

300 Mbps | FTTP connection: from 10 to 30 minutes



*70GB file size

The right product for the right home

Thanks to its superior stability and data transfer qualities, full fibre broadband can deliver exact 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 every size of development

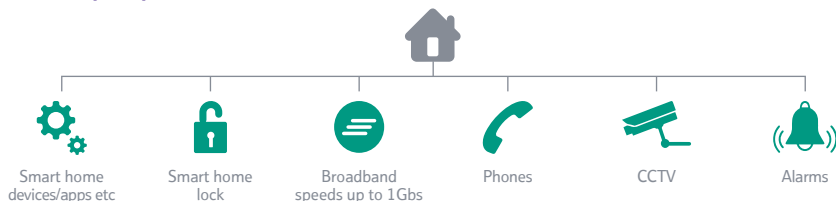
We're passionate about providing ultrafast broadband for the entire country, and we want every new build home to have access to the fastest speeds available. To make this a reality we've drastically decreased the contribution you'll need to provide when building a site with fewer than 30 plots, with Openreach covering the rest.

Take a look at the rate card below to see the costs per plot and per site for various site sizes.

Number of plots	Your contribution per plot	Total cost to you
2	£3,172	£6,344
3	£2,337	£7,011
4	£1,852	£7,408
5	£1,527	£7,635
6	£1,291	£7,746
7	£1,110	£7,770
8	£965	£7,720
9	£846	£7,614
10	£747	£7,470
11	£662	£7,282
12	£588	£7,056
13	£524	£6,812
14	£467	£6,538
15	£415	£6,225
16	£369	£5,904
17	£328	£5,576
18	£290	£5,220
19	£255	£4,845
20	£223	£4,460
21	£193	£4,053
22	£166	£3,652
23	£140	£3,220
24	£116	£2,784
25	£94	£2,350
26	£73	£1,898
27	£53	£1,431
28	£35	£980
29	£17	£493

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:

www.openreach.co.uk/propertydevelopments

www.openreach.co.uk

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