

Delivering ultrafast, fibre broadband to rural Berkshire

Gigaclear
Ultrafast Fibre Broadband


SuperfastBerkshire
Connecting Communities

Gigaclear and the Superfast Berkshire Project are bringing your community the UK's fastest broadband*

Superfast Berkshire is a local government-led programme which will have provided more than 50,000 homes and businesses with access to superfast broadband, this will take overall coverage to 99%. The Superfast Berkshire programme is supported by funding from the Department for Digital, Culture, Media and Sport, the Thames Valley LEP and the 6 Berkshire unitary authorities.

The SFB programme is supported by funding from the Department for Digital, Culture, Media and Sport and local authorities across the region.

Up to 1Gbps directly to you

If you have broadband via your telephone line today, your existing download speed will be anything up to 30Mbps but it could be a whole lot faster. With the full fibre network that Gigaclear is installing in partnership with Superfast Berkshire, you could enjoy upload and download speeds as fast as 1Gbps (1000Mbps) and the ability to work, stream and share when and how it suits you.

Fibre all the way

Whereas other providers primarily deliver fibre to the cabinet and then copper cabling to your property, Gigaclear's broadband is full fibre all the way. Installing fibre from the exchange to your home or business premises is what makes these incredible speeds possible.

To find out more about this partnership, visit www.superfastberkshire.org.uk

Ultrafast, full fibre broadband with the community in mind

Gigaclear work with rural communities to enhance rural living through increased connectivity. From planning the works to communicating with your community, we work with you to ensure that everything runs smoothly – and everybody knows what's going on.

We only dig once

We install an underground fibre connection at every property we pass during our works. If a homeowner or local business decides not to take the service when it first launches but changes their mind six months later, we can set them up without disrupting the neighbourhood.

With care for the natural environment

Our entire network is installed underground. The only visible items are small green cabinets installed at strategic points across the network and a small connection point (similar to an outdoor water stop valve) at the boundary of every property.

Future proof

Our fibre is designed to be in the ground for 50 years, meaning that the network will be fit for future generations.

With the community in mind

We only work with rural communities, so we understand both the joys and the challenges of being 'out of town'. Everything we do is designed to enhance rural living through increased connectivity.

The new rural lifestyle

Increased development, the appeal of an outdoor lifestyle, more affordable house prices compared to major cities and a greater sense of community are encouraging more people to choose rural living.

With Gigaclear's singular focus on bringing ultrafast, full fibre broadband to rural areas, your community could be enjoying all the benefits of the countryside alongside broadband connectivity surpassing that of your nearest major town or city.

Local businesses

Encourage in-bound investment and entrepreneurialism by removing location as a barrier to profitability.

Full fibre helps local businesses thrive by creating a network infrastructure and online presence to rival city counterparts – boosting the local economy.

Rural retirees

Pursue long-held ambitions, lead community campaigns or simply stay in touch with friends and family using our ultrafast, always-on connection that brings the world to your door.

Families

Stream movies at the same time as watching TV on demand, upload and download homework and use multiple mobile devices without any degradation in performance or increase in the price of your plan.

Entrepreneurs and working from home

Whether building a kitchen table empire or simply enjoying some flexibility, working from home becomes rewarding with speeds that are as fast and reliable as a corporate network.



Not all broadband is the same

With a plethora of broadband offerings available, it can be challenging to choose the right provider and time consuming to review network diagrams produced in different formats.

We believe in making things easy, which is why we've put together a basic outline of the broadband options that you're likely to be presented with, along with the speeds you could expect to achieve.

As a starting point, it's worth knowing that the current average UK residential broadband speed is 36.3Mbps. For rural areas, this figure is likely to be significantly less.

Key:



Internet



Exchange



Cabinet



Telegraph



Fibre Cable



Splitter



Coax Cable



Copper Cable

Standard broadband (ADSL)

This is what you're likely to have now. It comprises of copper all the way from the exchange to your property.



Up to
24Mbps
download speeds

Up to
3.5Mbps
upload speeds

The actual speed received will depend on the property's distance from the cabinet.

Fibre broadband (FTTC)

This is what you may have been upgraded to e.g. BT Infinity. It comprises of fibre to the cabinet then copper wiring to the property.



Up to
76Mbps
download speeds

Up to
19Mbps
upload speeds

The actual speed received will depend on the property's distance from the cabinet.

G.FAST broadband

Comprised of fibre to the cabinet then copper wire and 'G.Fast' signalling to the property.



Up to
330Mbps
download speeds

Up to
50Mbps
upload speeds

The actual speed received will depend on the property's distance from the cabinet.

G.PON broadband

Comprised of fibre to the cabinet then fibre to the property via passive splitters, overhead and underground cabling.



Up to
330Mbps
download speeds

Up to
30Mbps
upload speeds

DOCSIS broadband

Fibre to the cabinet with copper coax cabling and DOCSIS signalling to the property.



Up to
300Mbps
download speeds

Up to
20Mbps
upload speeds

Full fibre broadband (FTTP)

Fibre to the cabinet then fibre directly to the property.



Up to
1000Mbps
download speeds

Up to
1000Mbps
upload speeds

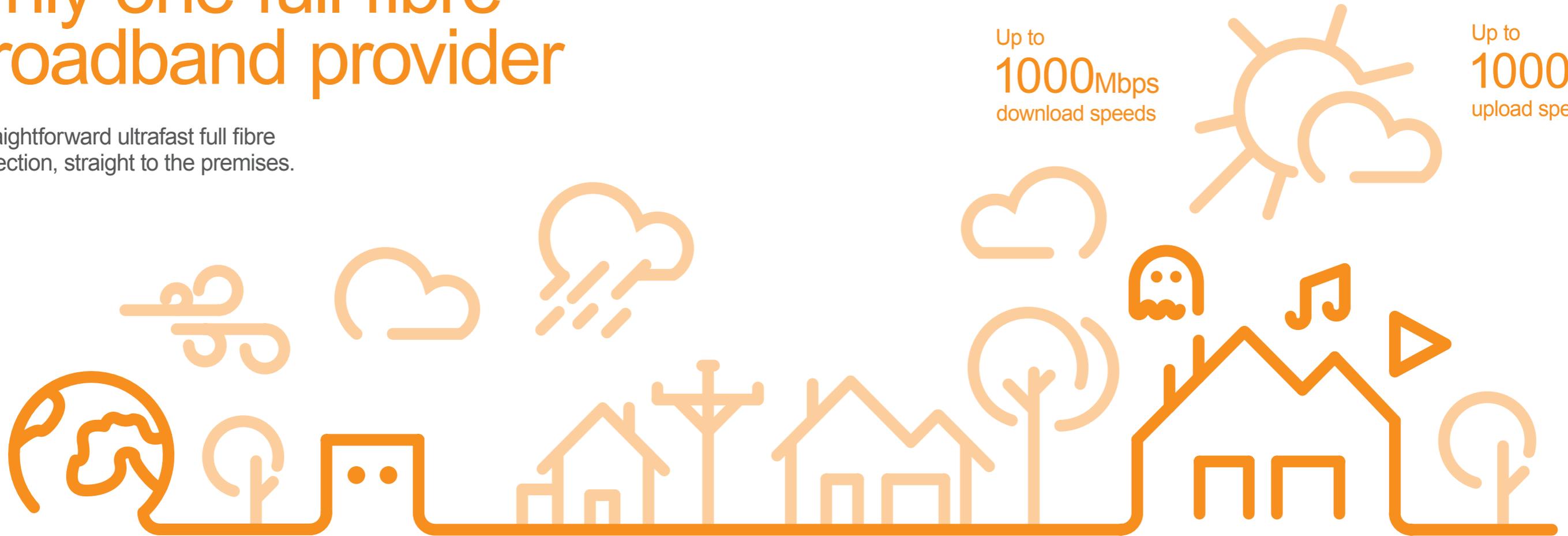
Speeds are unaffected by distance.

Only one full fibre broadband provider

A straightforward ultrafast full fibre connection, straight to the premises.

Up to
1000Mbps
download speeds

Up to
1000Mbps
upload speeds



Nothing but fibre

Ever wondered why it can take so long to upload files? Upload speeds for mixed copper + fibre broadband services will not be the same as their download speeds. Full fibre (FTTP) gives you the same speed both ways.

Ultrafast broadband

At 1000Mbps, Gigaclear offers a significantly faster service than traditional copper phone lines and mixed copper + fibre offerings.

No more rental costs

The ability to break free from fixed phone lines and save on line rental costs. With no need to maintain a landline to access broadband, households can now go fully digital.

The rural community

Full fibre broadband enables community interest groups, charities, and local services such as schools and surgeries to communicate more quickly, reliably and effectively to better serve the people of the community.

Rain or shine

A service that is unaffected by weather or distance. No more peak time crashes or outages caused by storms. Every house, regardless of proximity to the exchange, can enjoy the same ultrafast speeds all day, every day.

Transparent pricing

Predictable billing. The price of the package is fixed whether you stream ten films a month or a hundred, and whether you're using one device or four. All you pay for is the speed of the service – not how much you use.

The Gigaclear story

Working in partnership with unitary councils across the UK, Gigaclear is committed to helping hundreds of thousands more people in the most beautiful parts of Britain to open up their online world.

Gigaclear was founded in 2010 and is the brainchild of Matthew Hare. Living in rural Oxfordshire, he experienced first-hand how the investment priorities of major network operators meant that villages and small towns were denied the opportunity to benefit from advances in broadband technology.

Having sold his previous communications business, Matthew focused his efforts on fixing the issue of poor countryside connectivity by bringing new full fibre broadband technology to rural communities. Today Gigaclear delivers the UK's fastest broadband* to more than 50,000 rural homes and businesses across the UK via its world beating fibre-to-the-premises ("FTTP") service.



Want to know if
ultrafast broadband
is coming to you?

Check online and register for updates at
gigaclear.com/our-communities

What our customers say

From the pub that's grown its business by offering ultrafast broadband for meetings, to the school whose results are set to improve now it can access new teaching resources, we have a wealth of customer stories that describe the everyday impact that ultrafast broadband has on rural communities.

“ ”

My wife and I often reflect on what life was like before the Gigaclear solution. It has become a vital utility service and it has been very reliable.

Our family often visit and can all be on their devices at the same time and achieve excellent speeds. Similarly, our business friends who visit from the UK and overseas are always envious. We are very happy with the service, it provides a long-term, financially sound solution to the infuriatingly slow broadband offering we previously had!

Graham Rose, Appleton

“ ”

We are a typical family and will often access the internet at the same time on different gadgets. We have Apple TV and Sky, plus we also use catch-up TV and iPlayer.

Before we had Gigaclear it would be very frustrating trying to download anything for the children. For my husband and I, email and internet is important, but it's the video and downloading big files that we now can't live without. With our busy lives, the working day doesn't always stop when you get home – sometimes we'll find we have to finish work or send emails in the evening.

Polly Elvin, Northmoor

We're even helping Springwatch bring the British countryside into the homes of millions of viewers by turning a Gloucestershire barn into one of the most connected places in the UK.

To read these stories and more, visit

gigaclear.com/news/latest-projects

“ ”

With over 150 employees, our business produces hundreds of e-mails, uploads, downloads and all the traffic you would expect from a modern busy enterprise.

We were therefore early adopters of fibre technology and have had our own dedicated fibre for some years. We switched to Gigaclear from another provider when that option became possible. It's the same fibre and it still works just as well but I am pleased to say that we have achieved substantial savings through our Gigaclear connection.

Graham Shelton, Northmoor

“ ”

The farm shop is a popular place for local people to meet, eat and shop, but before we only had up to 6Mbps speeds, which just wasn't enough.

The internet was slow for customers who came in for lunch or to shop and card payments took a fair amount of time to go through. Now the sky is the limit when it comes to growing the business, thanks to the ultrafast service from Gigaclear. We're even looking into setting up a click and collect service for customers as a result!

Tom Newey, West Berkshire

Ultrafast broadband for rural Britain

For more information go to
www.superfastberkshire.org.uk



**SUPERFAST
BRITAIN**

