**Fibre Optic Broadband**

**What is fibre optic broadband?**

Fibre Optic broadband is a type of high speed broadband. It uses glass cables to send data at the speed of light, resulting in a much quicker connection than copper wires (ADSL).

**What are the different types of fibre optic broadband?**

**There are two different types of fibre optic broadband which are -**

1. Fibre to the Cabinet (FTTC) which uses a mixture of fibre and copper cables to establish connection, also known as superfast broadband.
2. Fibre to the Premmesis/Fibre to the Home (FTTP)/(FTTH) which only uses fibre cables that run straight to your home, establishing a faster connection. This is also known as ultrafast broadband.

**What are the benifits of using fibreoptic broadband**

1. Higher internet speeds – Download speeds averaging 36Mbps comapred to 7Mbps with a copper connection. Higher speeds allows users to

* Stream in 4K (Catch up tv/Netflix)
* Work from home
* Play online video games & download music

1. Dependable – Fibre optic cables are much more resistant to external conditions which could slow your connection i.e. Weather.
2. Multipule devices – Higher bandwith means that fibreoptic cables can support a number of devices without affecting connection speeds.

**How do I get fibre optic broadband?**

If there is no government funded contract to improve the network already, households may be eligible to conribute vouchers through the [Connect my Community](https://www.openreach.com/fibre-broadband/community-fibre-partnerships/connect-my-community) scheme, for quick access to pledge yours please scan the **QR Code below** . These vouchers are used to cover the cost of installing the fibre connections.

**How does the scheme work**

Houses and businesess in qualifying areas can contibute vouchers to the installation of fibre cables. Eligable houses can contibute £3000 whilst businesses can contribue £7000. When enough people have pledged their vouchers to cover the cost, Openreach come to install the cables. The process is FREE for individuals pledging, however you are commiting to a 12 month contract with BT for ultra fast fibre. Prices start at £29.99

**Question?** Email [william@mentermon.com](mailto:william@mentermon.com)