

FTTC - Fibre to the Cabinet

FTTC Business Benefits:

- All Powernet business customers get a dedicated Account Manager
- 24/7/365 technical support based in the UK
- With bandwidth to spare Video conferencing and VoIP services become possible
- FTTC makes using cloud applications a reality, reducing IT support and cutting costs

Powernet - Fibre to the Cabinet or FTTC, is an ideal solution for business users who require high bandwidth availability at an affordable price. FTTC offers download speeds up to 40Mbps and upload speeds up to 10Mbps.

FTTC customers can realistically expect to get 30-36Mbps download speeds due to a variety of factors (distance from cabinet and contention of service). Because FTTC offers such high performance it is a viable alternative for businesses previously using expensive leased lines or Ethernet circuits.

The introduction of FTTC around the UK has meant the replacement of BT green cabinets with larger monoliths that can handle the kit (DSLANS) needed to provide FTTC to surrounding premises. FTTC still uses existing telephone lines to deliver broadband to your premises, but from the cabinet in the street to your local telephone exchange fibre optic cable is used to carry the broadband signal. Because fibre is carrying the broadband signal for the majority of its journey you get a much faster service.

FTTC for Business

Powernet believe that FTTC is a great solution for SME sized business that need require a fast connection but cannot afford leased lines or dedicated circuits. FTTC makes the concept of cloud computing become a reality, meaning any benefit from the flexibility and cost savings of

applications like Google Docs, Salesforce or Windows Office 365.

For creative businesses being able to uploading large files such as artwork or video, is vital. FTTC makes the painfully slow upload a thing of the past.

With FTTC connecting your business to the outside world harnessing the power of video conferencing and VoIP telephony becomes a no brainer. Enjoy face to face conversations with clients and suppliers without leaving your office and benefit from the features and savings VoIP telephony can provide.

Can I get FTTC?

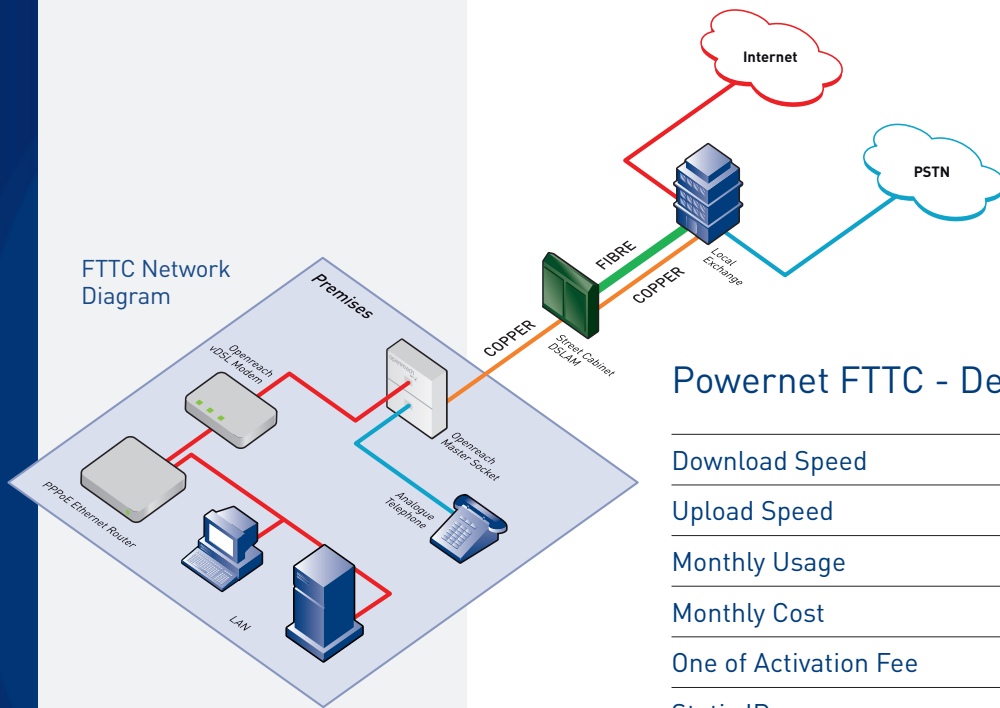
Currently Fibre to the Cabinet is not available everywhere in the UK. Please use the availability checker at: <http://www.powernet.co.uk/fttc> to see if fibre to the cabinet is available in your area. For business users unable to receive FTTC in their premises Powernet offer a range of alternative connectivity solutions including ADSL2+, Bonded ADSL and Leased Lines.



FTTC Openreach Socket Plate



Openreach vDSL Modem



FTTC Network Diagram

Before you order FTTC check the following:

1. Make sure your premises are in an area that can receive FTTC. Enter your telephone number and postcode in the availability checker at: <http://www.powernet.co.uk/fttc> to see if you can get FTTC. If you are not near an FTTC enabled exchange then Powernet may be able to offer alternative connectivity, such as our bonded solution. BT has made a commitment to make two-thirds of the UK FTTC enabled by 2015. It may be worth contacting BT directly for an ETA on when they are going to deliver FTTC in your area.
2. You will need a live BT phone line running into your premises.
3. FTTC requires an engineer to visit your premises on the day of activation. A convenient date for the visit can be specified and you will be given an AM or PM slot for the engineer visit.
4. Your FTTC engineer will install a new Openreach faceplate over your main BT master socket along with a VDSL2 Modem, meaning you will need a power socket available near the main BT master socket.
5. A router that can process PPPoE will also be required and connected to the VDSL2 modem via an Ethernet cable.
6. If you are running a wireless LAN make sure it has the capacity to carry the increased bandwidth FTTC will deliver. A wireless network that supports the 802.11n standard should provide sufficient capacity to support FTTC. Powernet recommends running a wired LAN to support the speed of FTTC.

Powernet FTTC - Details

Download Speed	Up to 40Mbps
Upload Speed	Up to 10Mbps
Monthly Usage	Unlimited*
Monthly Cost	£49.99 ex. VAT
One of Activation Fee	£50.00 ex. VAT
Static IP	1

To learn more about FTTC please visit: www.powernet.co.uk/fttc

If want to learn more about Fibre to the Cabinet from Powernet or any other Powernet products and services call us on: **01908 605188** or email us on: info@powergroup.co.uk



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