



After 142-years, it's time to switch

Back in 1878, Alexander Graham Bell demonstrated his new invention, the telephone, to Queen Victoria. Amazingly, 142-years later, your ADSL broadband is still using the same basic technology, copper cable. However, copper cable has a number of disadvantages.

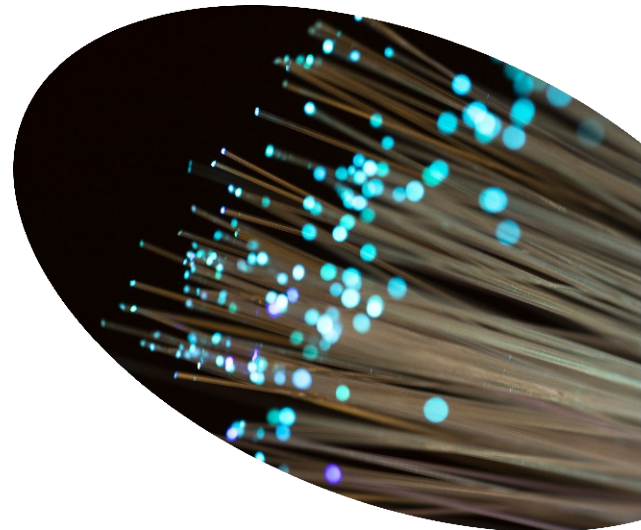
The problems with ADSL

ADSL uses existing copper telephone lines to send data from your nearest exchange to your office. The farther you are from the exchange, the slower your Internet connection.

Many things can interfere with your broadband speed, such as sharing your line with other users. This is called 'contention'. If you are using ADSL broadband then contention can be a big problem. What's more, ADSL doesn't provide any guaranteed level of service.

ADSL downloads data much faster than it uploads. If you regularly send files to people, want to host a website or take advantage of Internet telephony, then ADSL can be a big obstacle.

What's more, after 142-years, the copper network is finally being replaced by fibre. In fact, BT Openreach is committed to ending PSTN and ISDN services by 2025. Isn't it time you switched to fibre?



What is fibre?

Fibre optic broadband sends data as a beam of light down a cable the width of a human hair. A single fibre optic cable can carry as much information as thousands of copper cables.

Fibre offers far greater capacity and reliability than standard ADSL broadband. Fibre broadband loses almost no signal strength over long distances (low attenuation) compared to ADSL.

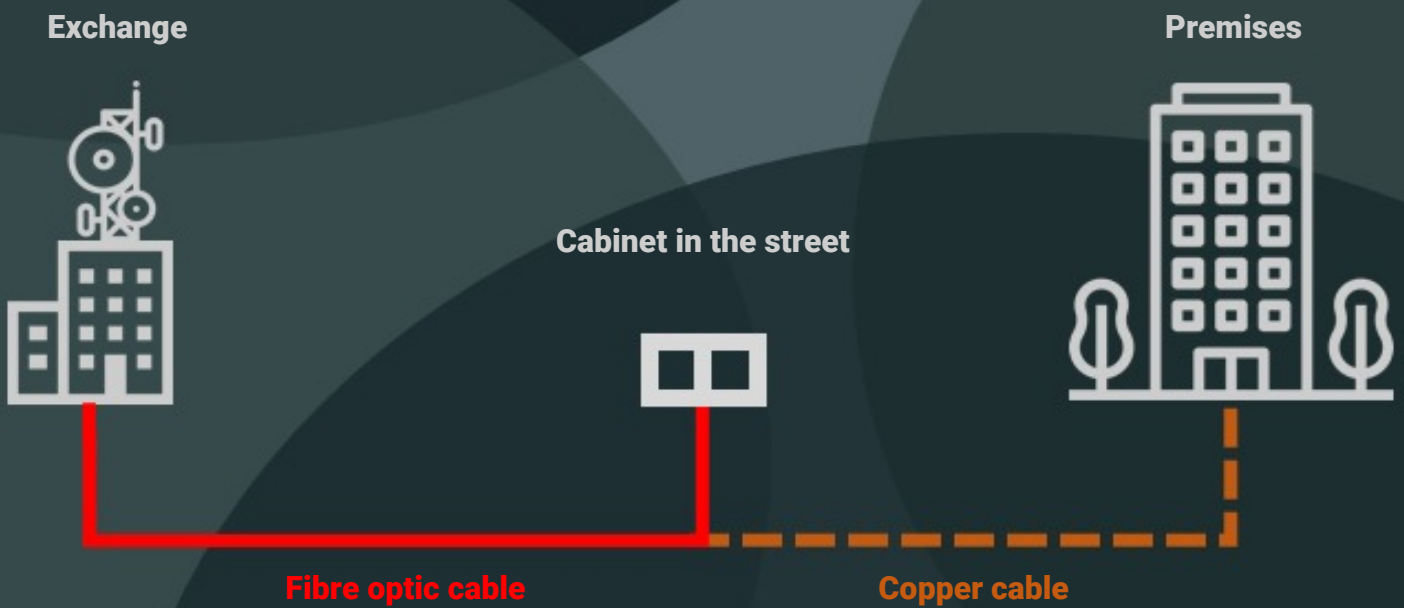
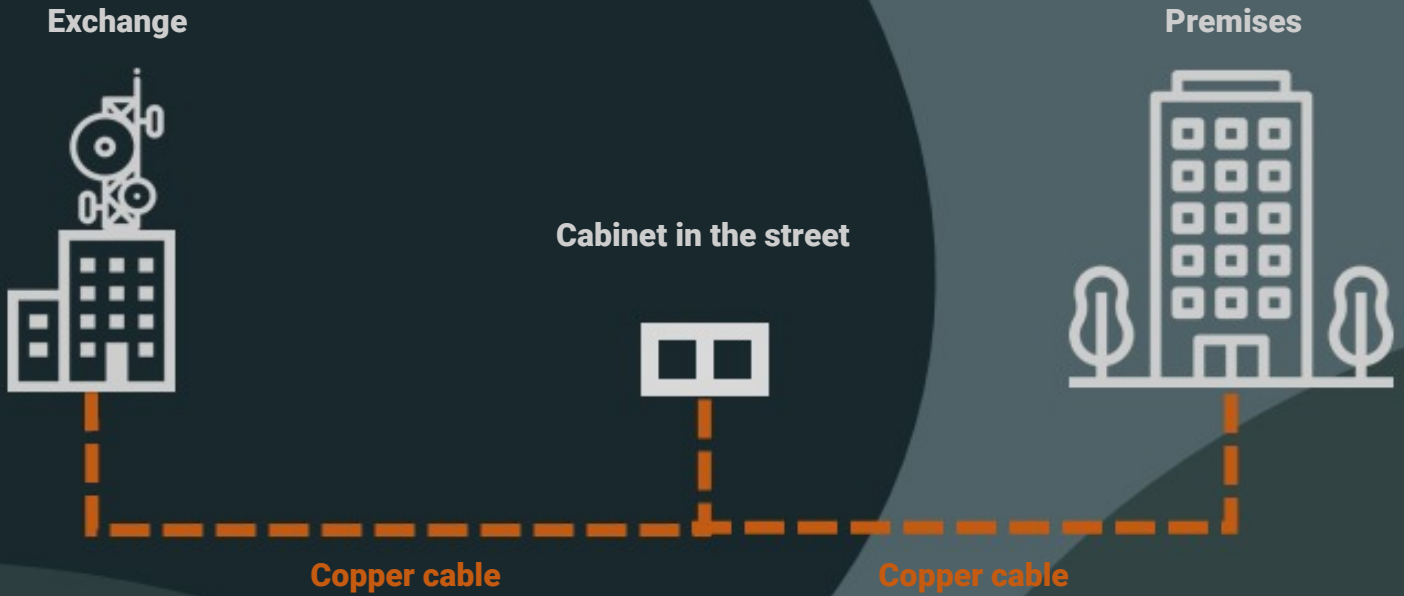
Broadband speed comparison

ADSL/ADSL2 download speeds

8 MBPS/ 24 Mbps

FTTC download speeds

80 MBPS



Maximum download speeds (dependent on local conditions).

Today, Modern Networks offers you a range of fast, reliable broadband and telephone services backed by 24/7 customer support.

The benefits of FTTC broadband

The UK's most popular choice of business broadband is FTTC (Fibre to the cabinet). FTTC uses the existing infrastructure so it's quick and cheap to install.

FTTC offers you significantly faster upload and download speeds than ADSL. It also delivers a far more consistent broadband service without the fluctuations and limits of ADSL.

If your office building or shopping centre is reliant on third party applications such as CCTV, BMS and parking payment systems, then FTTC provides the low-latency, much improved response times you need.

FTTC is fast enough that you can take full advantage of Cloud services and Internet telephony. This can improve productivity and drive down your costs. Moving from ADSL to FTTC also means problems of attenuation and contention become things of the past.

To make the switch from ADSL to FTTC broadband, contact Modern Networks Carrier Services now.



FTTC checklist

- Affordable setup costs
- A low monthly rental fee
- High-quality, reliable broadband connection
- Faster upload and download speeds (up to 80 Mbps)
- Improved performance of VPNs, enables remote working, video conferencing
- Greater bandwidth means faster offsite data backup
- Static IP for CCTV, website hosting, run a server and less downtime
- Take advantage of low-cost Internet telephony
- UK Service Desk customer support
- Ideal replacement for ADSL broadband.