

# Everything you need to know about FTTC – Fibre-to-the-Cabinet

TAKE YOUR BUSINESS FURTHER WITH A FASTER, MORE RELIABLE  
INTERNET CONNECTION.

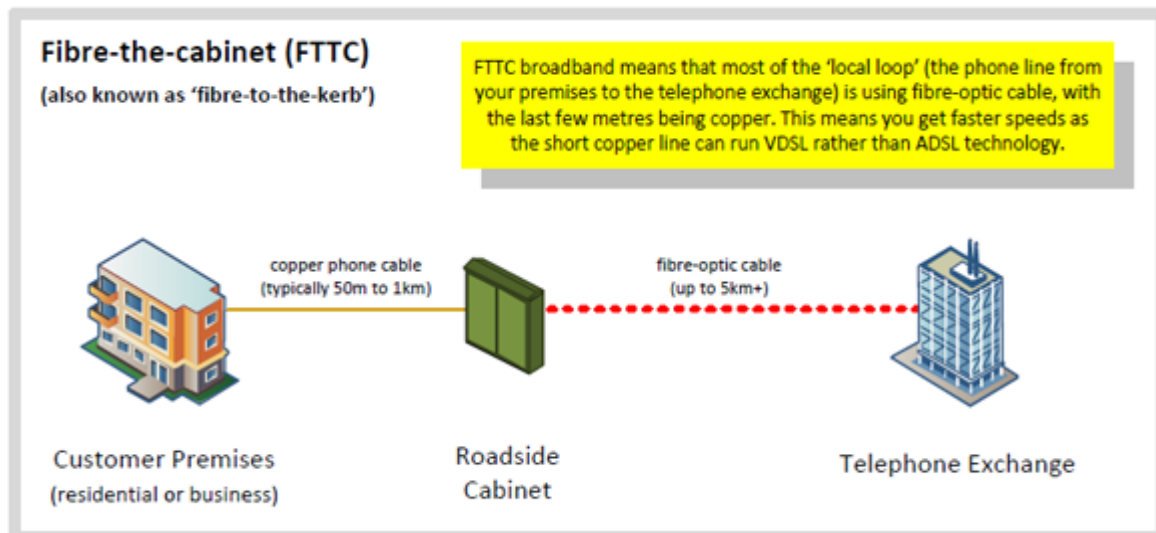
## What is fibre broadband?

Fibre broadband is a new type of broadband that is currently being deployed in the by Swift Managed Services which uses fibre optic cables to help increase the speed of your broadband connection. It is often referred to as 'super-fast broadband' or 'next-generation broadband' as it offers faster speeds than have been available to date using older generation networks. It is available to both home and business users.

## Fibre to the cabinet (FTTC)

Fibre-to-the-Cabinet (FTTC) involves running fibre optic cables from the telephone exchange or distribution point to the street cabinets which then connect to a standard phone line to provide broadband.

This is combined with a copper cable from the cabinet to the home or business which uses VDSL or similar technology that can deliver much faster speeds over shorter distances.



## How fast is fibre broadband?

FTTC broadband comes in two variants which offer a downstream line speed of 80meg (80Mbps) or 40meg (40Mbps).

Not everyone will receive the maximum speed as it depends on the length of your phone line to the cabinet which is providing your broadband..

If you already have fibre broadband, why not try our [broadband speed test](#) to see how fast your connection is. It is best to carry out speed tests at a variety of times, both peak and off-peak, as at peak times the congestion in the retailer's network may affect your speed significantly.

### What speed can I expect from fibre broadband? (FTTC)

The speed of your connection will vary depending on the distance to the fibre cabinet that serves your office. If you know roughly how far the cabinet is, you should be able to calculate the speed you should receive based on the figures in the table below:

Distance to cabinet (metres)	Estimated downstream connection speed	Estimated upstream connection speed	Cumulative %'age of premises at this distance
100m	100 Mbps	25 Mbps	5%
150m	80 Mbps	20 Mbps	10%
200m	65 Mbps	18 Mbps	20%
300m	45 Mbps	17 Mbps	30%
400m	42 Mbps	16 Mbps	45%
500m	38 Mbps	15 Mbps	60%
600m	35 Mbps	14 Mbps	70%
700m	32 Mbps	11 Mbps	75%
800m	28 Mbps	10 Mbps	80%
900m	25 Mbps	9 Mbps	85%
1000m	24 Mbps	8 Mbps	90%
1250m	17 Mbps	5 Mbps	95%
1500m	15 Mbps	4 Mbps	98%

