



## Sure is building the fastest fibre network in the Channel Islands

Sure is one of only two Channel Islands network operators with an ultrafast fibre broadband capability.

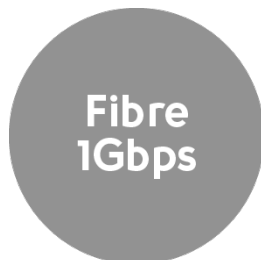
'Ultrafast' is defined by [Ofcom](#) as relevant to speeds in excess of 300Mbps.

The other Channel Islands broadband network operator is JT, which has an island-wide fibre broadband network in Jersey and a smaller fibre broadband network in Guernsey. It uses an older technology than Sure in both islands. Sure's fastest network claim is made against both of JT's networks.

Sure's fibre broadband network in Guernsey is based on the latest technology – [XGS-PON](#). By default, this enables broadband download speeds of just under 10 Gigabits per second (Gbps). [Guernsey Fibre](#) has set the highest network average speed at 1001 Megabits per second (Mbps), which is 1 Megabit over 1 Gigabit. Average is the only speed measure that is [ASA/CAP compliant](#).

To achieve this 1 Gigabit per second (1Gbps) average, Sure's Guernsey Fibre network has set the maximum fibre broadband service speed at 1060Mbps. This is 60 Mbps over 1Gbps. The extra 59Mbps is used to cover the 'network overhead' – the bandwidth required for management of each customer's retail broadband service.

Our average fibre speeds are shown at [sure.com/fibre](#) which shows we appropriately claim to provide an average download speed of 1001Mbps for our fastest variant – Gigabit Fibre:



### Gigabit Fibre

Our fastest broadband at 1001Mbps average download speed and average upload speed of 50Mbps. Price includes Sure Fibre Landline.

The retail fibre broadband services provided using JT's own networks (in Jersey and Guernsey), do not use XGS-PON technology. By default, JT's network equipment can only achieve a maximum of 1Gbps. JT has to allow for its network overhead requirements within that, which it has calculated at 56Mbps. This results in JT appropriately claiming that its network provides an average download speed of 944Mbps for its 1Gbps product variant.

As Sure's average network speed is 1001Mbps, this is faster than JT's average network speed of 944Mbps. There are no other fibre broadband networks in the Channel Islands. Hence, **Sure's is the only Channel Islands network capable of full 1Gbps average download speeds.**

