



Data sheet

Optical fibre solutions

Future-proof your communication infrastructure with fibre optic cabling. Fibre optics offer a much higher transmission bandwidth than copper cabling systems, for faster data transfer and greater data security. It's the perfect choice to meet the increasing demands on your communication network, today and tomorrow.



Fibre optic cables provide flexibility for inter-building links and campus networks on any scale. To be able to fully meet your needs now and in the future, all of our engineers are experts in designing and installing blown fibre systems; a low-cost way of ensuring your infrastructure can be easily adapted to support increased demands as technology advances or as your business grows.

Campus networks

Our service covers the surveying, design, installation and testing of both multi-mode and single-mode optical fibre cables. We can also call upon our trusted partners if you need civil engineering services.

Blown fibre systems

Blown fibre (or 'air blown') is a method of installing fibre optic cables using compressed air to ease the fibre to its destination. You can use it to create a passive infrastructure, avoiding the initial cost of installing additional spare fibres. This method can be used on indoor and outdoor network connections in listed buildings, as well as for general office environments and inter-building links.

Features and benefits of blown fibre systems

- > It separates links into passive infrastructure and high performance optical cabling
- > The passive infrastructure is created with specially developed miniature plastic ducting and a range of termination and routing accessories
- > Each microduct is similar in dimensions and flexibility to a standard twisted-pair cable
- > Microducts can range from a single tube, through to a ninety-six bundle
- > The optical cabling can be added (or removed) with minimum disruption
- > If fibres become damaged or out of date, new multi-mode or single-mode optical fibres can simply be blown into the links.



Preventative maintenance

We'll work with you to schedule maintenance for all telecoms assets throughout the year - this approach helps reduce reactive call-out charges and network failures.

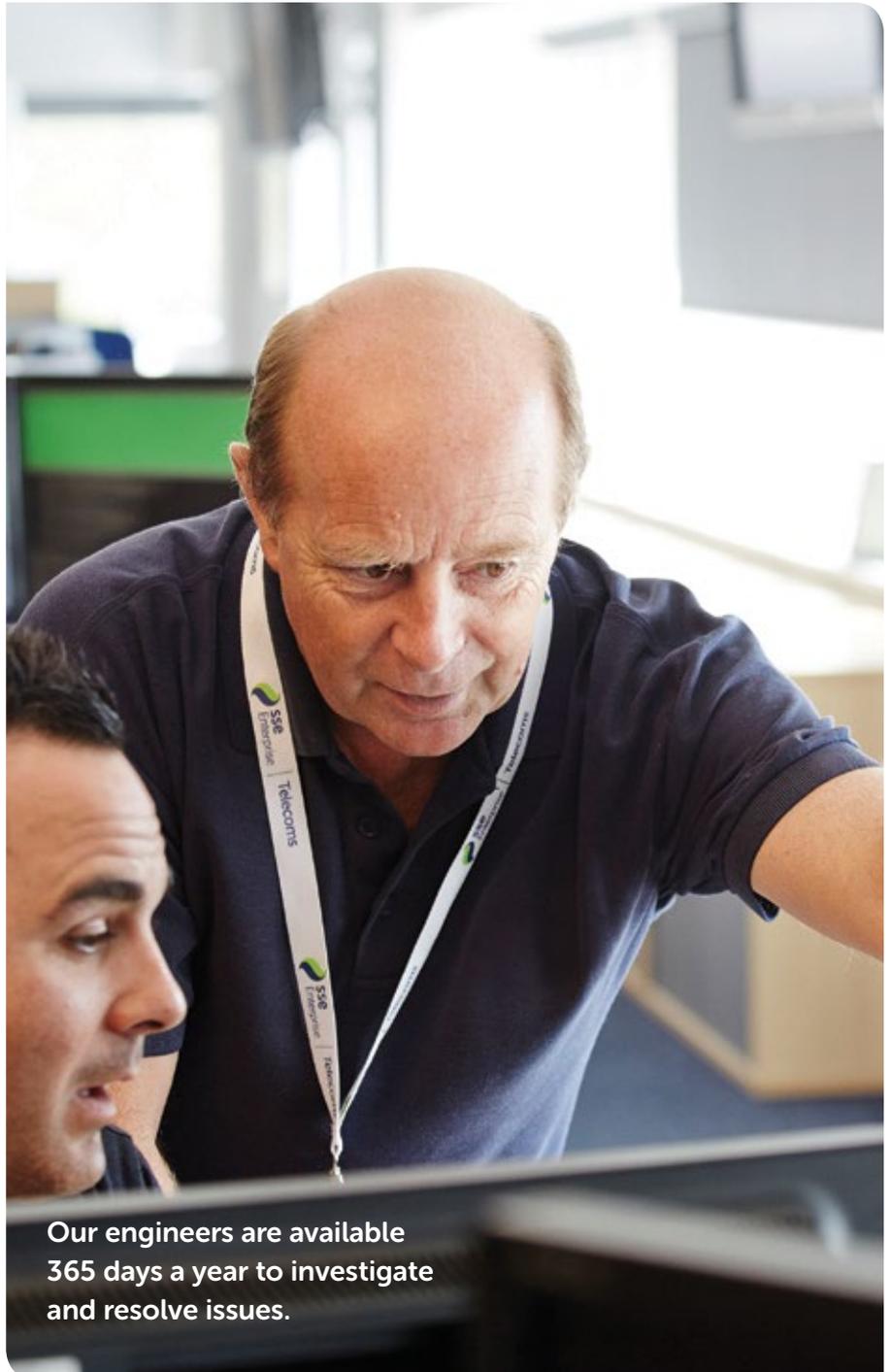
We provide preventative maintenance and remedial repair for:

- > Generators
- > Uninterrupted Power Supply (UPS)
- > Direct current rectifiers
- > Air conditioning
- > Periodic electrical testing
- > General building and room maintenance
- > Grounds maintenance
- > Pest control

24-hour nationwide call-out

If an unplanned incident was to occur our engineers are available on-site 365 days a year to investigate and resolve issues including:

- > Fibre optics
- > UPS repairs
- > Generator repairs
- > Air conditioning repairs
- > Temporary mobile generator deployment



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