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Tomorrows technologies

Explore the possibilities

FIBRE OPTICS

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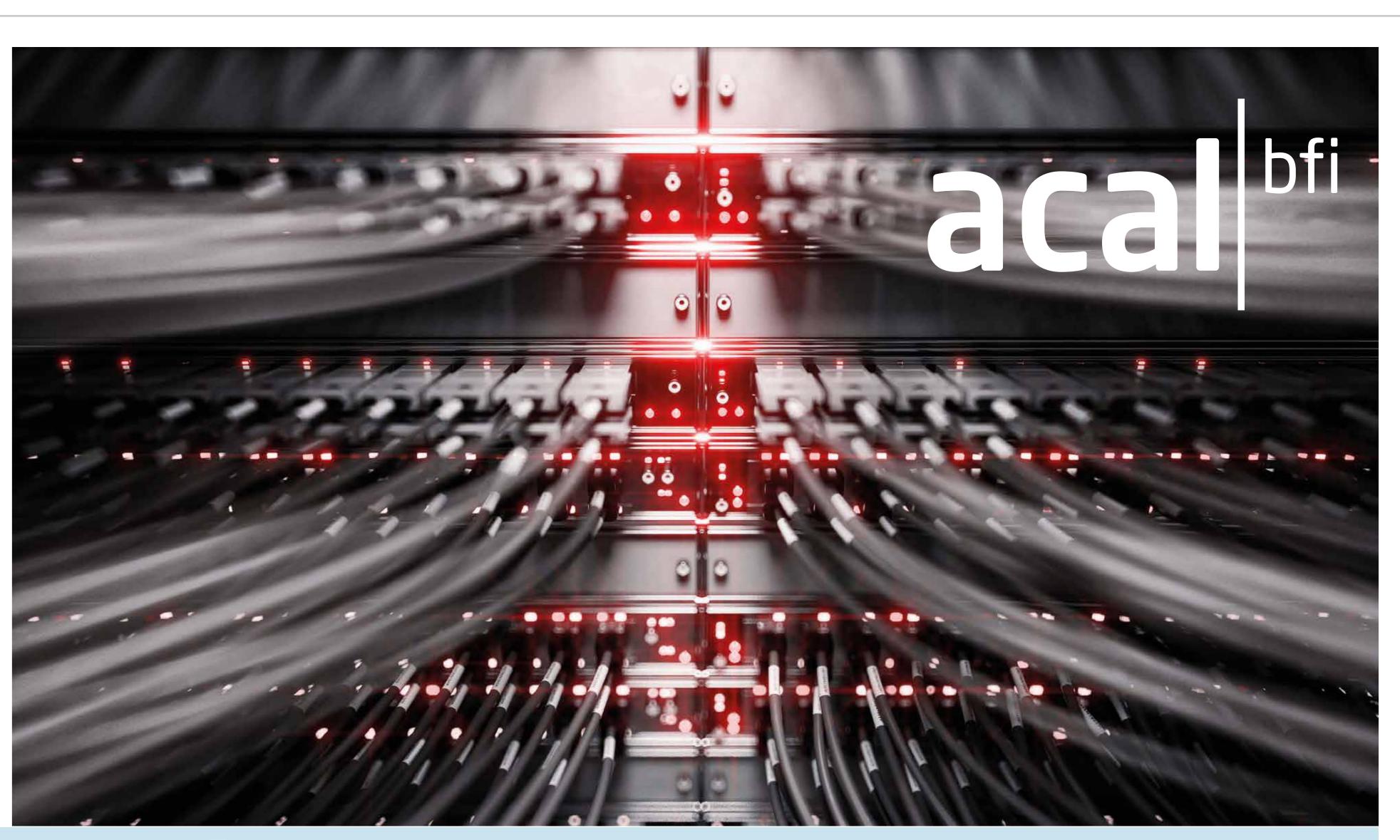
Principle

Cutting-edge fibre optics. Typically used for long-distance and high-performance data networking.

The transmission of information as a light pulse along a glass or plastic fibre holds a number of advantages over the use of traditional coaxial or copper cables.
Fibre optic cables bring with them higher bandwidth and faster transmission speeds and are lighter, thinner, more flexible, and unaffected by electromagnetic interference.

Market

Traditionally used within telecommunications services such as the internet and telephony, fibre optics are now used across a variety of other industries such as industrial, medical, LiDAR and sensing and defence applications due to an exponential growth of technology adoption.



Technologies

We partner with world-leading manufacturing brands and deliver state-ofthe-art, high-reliability and innovative fibre optic solutions as part of our portfolio.

We cover all the main components of fibre optic communication technologies, from devices including; optical fibres and cables, connectors, transceivers, splitters, FTTX through to fully-fledged, board level and speciality solutions for medical, aerospace, industrial networking or harsh environments.

Solutions

With an extensive choice of reliable, cost-effective fibre optic solutions,

Fiber Optics Technology Centre

When standard components don't suit your requirements, we will support

As a leader in advanced solutions for tomorrow technologies, our primary goal is to enable innovators to turn ideas and designs into exceptional products. Access our unique blend of technological expertise, consultative design-led approach and value-added solutions, to help support and deliver your projects at any stage of design.

More information:



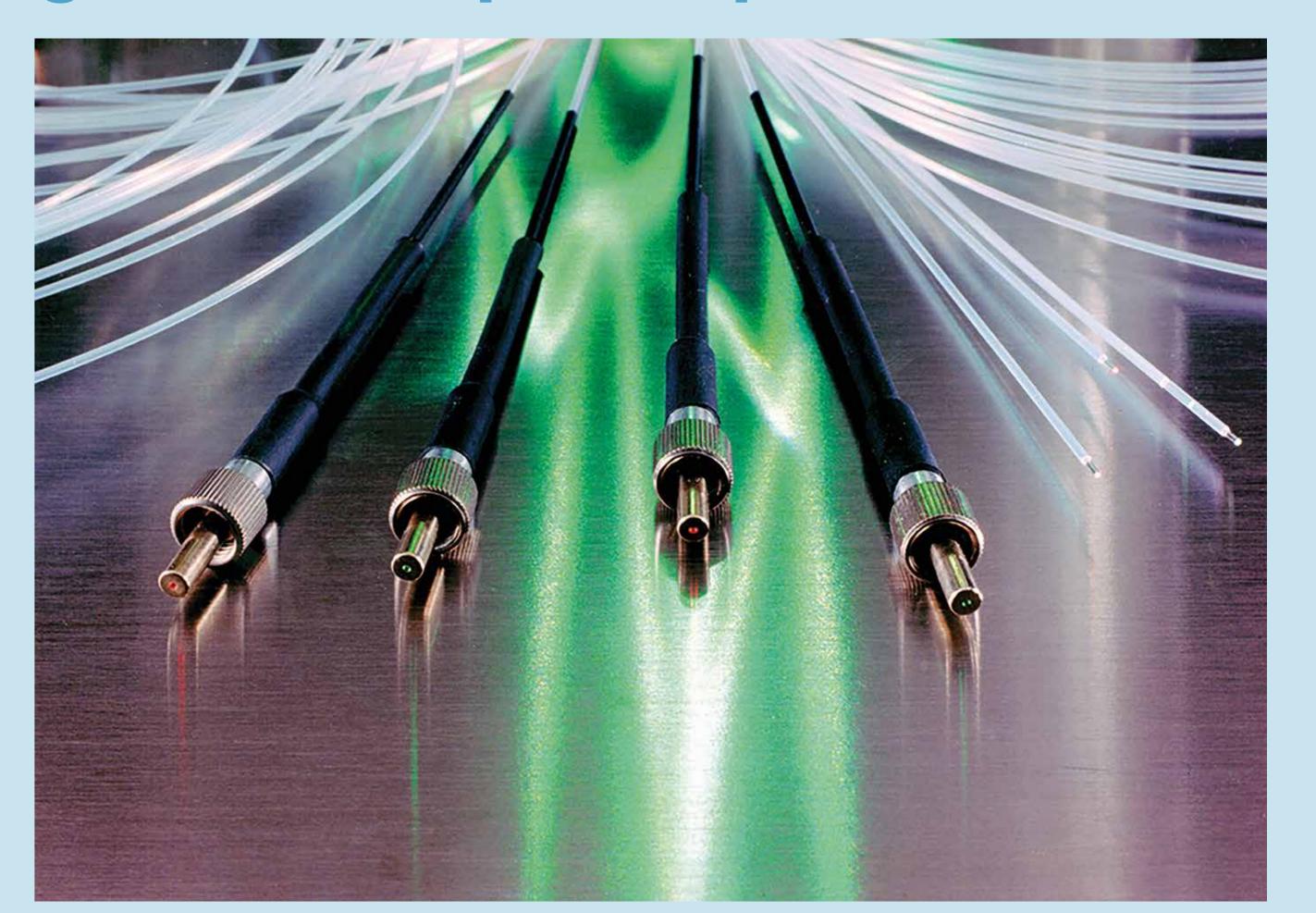
enabling efficiency and solving the challenges of mission-critical and complex applications, you can meet the growing demands of bandwidth.

the design and development of custom software or hardware to fit your unique needs. The facility is also experienced in running diagnostic testing, fault finding and modification of components.

So, whether you need to analyse the performance of your optical components or understand your current power levels, our highly trained team of engineers are on hand.

Enable innovators to turn ideas and designs into exceptional products







The Fibre Optics **Technology Centre** is the driving force behind our ability to develop solutions requiring custom fibre capabilities.





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