



flawless fusion with infinite possibilities

SIFAM
FIBRE OPTICS



High Reliability Components

High Reliability (hi-rel) Components are deployed in environments such as undersea and space, where the costs of component replacement are prohibitive. SIFAM is established as a supplier of these components to major undersea equipment manufacturers.

SIFAM's hi-rel capability is built upon the foundation of a long established history of manufacturing very reliable terrestrial components. Full facilities are available to carry out customer-specific hi-rel qualification programmes, which can consist of accelerated ageing and Weibull analysis.

Manufacturing is carried out on specially-developed workstations. Advanced fibre management, in-process screening and customer-specific validation tests are implemented, to further enhance component reliability.

Component types available include fused fibre couplers, tap couplers and wavelength division multiplexers. The ultra-low loss of SIFAM fused fibre components helps to promote low noise figure and improved system margin in undersea transmission systems.

Components are supplied in regular (bare fibre), semi-ruggedised ($\varnothing 0.9\text{mm}$ sleeving) or custom housings, depending on the installation environment.

Please contact us to discuss your specific requirements.

Key Features:

- Established hi-rel supplier
- High performance
- Full qualification facilities available
- Advanced in-process testing
- Ultra-low loss fused components
- Choice of housings

Applications:

- Undersea equipment
- Terminal equipment
- Space

Compliance:

- Customer specific



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Certificate No. 0962231

As part of our policy of continuous product improvement we reserve the right to change specifications at any time
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