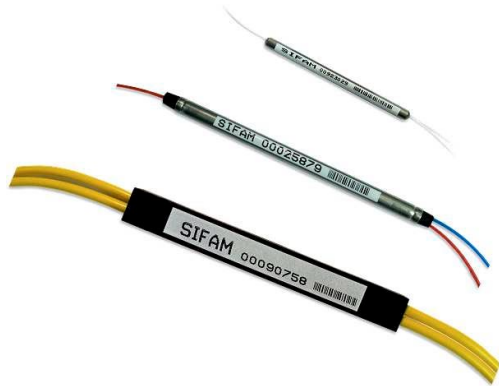




flawless fusion with infinite possibilities

SIFAM
F I B R E O P T I C S



Qualification and Reliability

SIFAM Fibre Optics is a long established name in fused fibre optic technology. Since 1985 the company has achieved the highest standards of component reliability for a wide range of applications, including both long-haul and undersea optical amplifiers.

Quality system accreditation to ISO 9001 has been in place since 1991 and today systems are approved to ISO9001:2000. Reliability evaluation is fully carried out in-house, including testing to Telcordia 1209 and 1221. Reports are made available for all existing and potential customers.

SIFAM fused fibre products are designed for high reliability. Light never leaves the silica fibre, the number of constituent parts is minimised and there are no air interfaces or adhesives in the optical path. In-service field failure data indicates class-leading FIT rates of <1 for WDMs and tap couplers.

Furthermore ultra-low excess loss provides an ability to withstand high optical power levels. Testing to date has shown no deterioration at a minimum of 4W optical power.

Reliability process innovations include continuous verification of tapering characteristics, advanced fibre management and a software tracking system to monitor each component throughout its build history.

For further information on the reliability of SIFAM components, including Telcordia reports and FIT rate data, please contact the sales office.

Key Features:

- Established 1985
- ISO9001 since 1991
- Qualified with major equipment vendors
- Components Telcordia 1209/1221 qualified
- Power handling >4W
- FIT rates <1
- Reports available

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