

Consulting

Consulting is more than providing expert advice: at Alker, we engage with your company to analyse your requirements giving specialised feedback to recommend solutions.

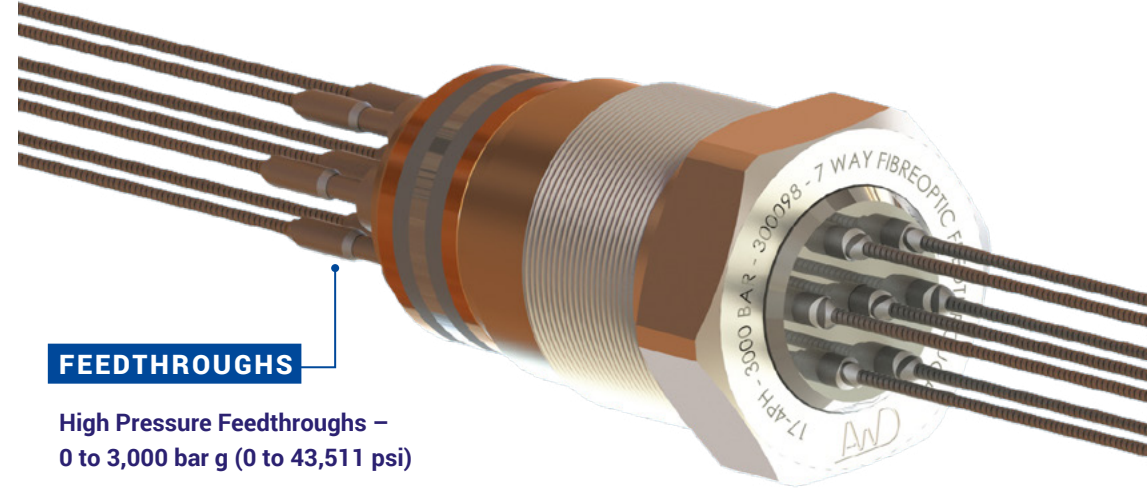
Design

We have the knowledge, creativity and technical innovation required to design world-class fibre optic solutions.

Manufacturing

Production is overseen by our talented team with decades of experience.

Every product that is produced in Alker's facilities is manufactured to ISO 9001:2015 and AS 9100D standards.



FEEDTHROUGHS

**High Pressure Feedthroughs –
0 to 3,000 bar g (0 to 43,511 psi)**

Alker fibre optic feedthroughs allow optical fibres to pass through the wall of a hermetically sealed vessel permitting the use of test and monitoring equipment, probes, laser delivery systems, optical sensors and more while maintaining the integrity of the vessel.

RE-POLISHING TOOL

The **alkerme**, a re-polishing handheld solution designed to repair damaged fibre optics for both male and female 38999 harsh environment connectors.

It has been designed to re-polish through damaged pins and sockets from the front of the connector which makes this type of repair possible.

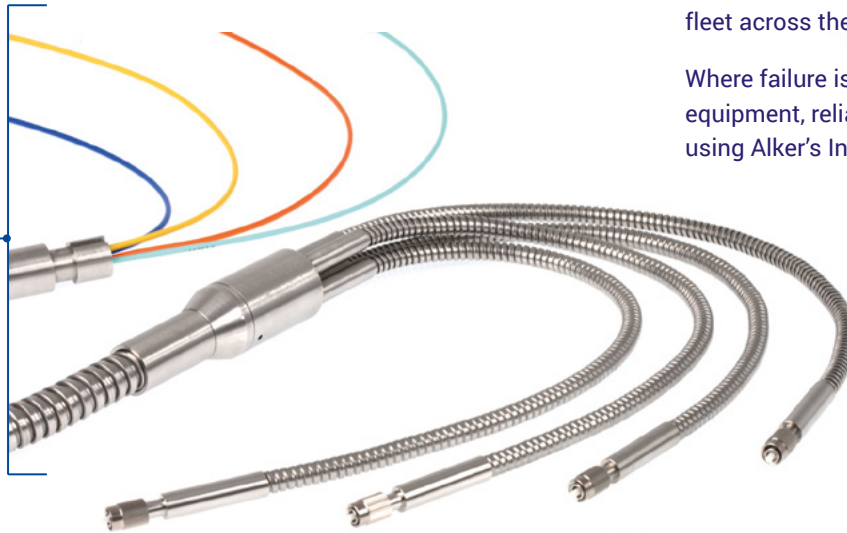
This innovative idea is the first of its kind and can be developed to work with many existing fibre optic connectors.

The existing procedure for this situation is a replacement; grounding your asset due to delays and increasing the costs of support.



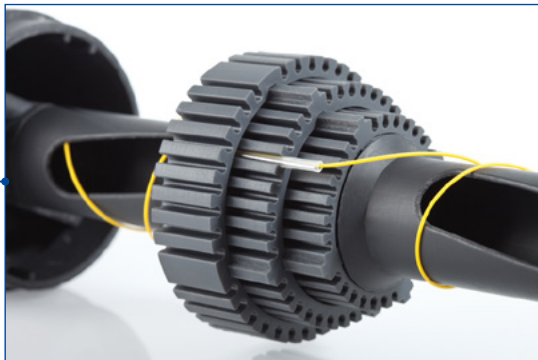
ARMoured ASSEMBLIES

Alker are pioneers in the field of innovation, design and manufacture of fibre optic assemblies for harsh environments. There are many applications requiring fibre optics to work in extreme temperatures, wet or dry environments, or enduring excessive vibration. We are continually expanding the array of connectors we can successfully armour to withstand the demands expected in extreme conditions.



ENCLOSURES

Alker have designed an innovative range of inline fibre optic enclosures for harsh environments standing above competing products by saving valuable resources during installation, improving fibre optic repairs and extending the lifecycle of your fibre optic cables.



INSPECTION & CLEANING KIT

When your equipment requires the unrivalled performance of fibre optics, you have to consider the real risk associated with its vulnerability.

The Alker Fibre Optic Inspection and Cleaning Kits are suitable for harsh environments, approved by BAE Systems for use within the Typhoon worldwide support and Maintenance Programme. They provide an immediate return on investment with continued savings for the entire fleet across their lifetime.

Where failure is not an option and within mission-critical equipment, reliability and performance can be extended by using Alker's Inspection and cleaning Solutions.



alker
FIBRE OPTIC
SPECIALISTS