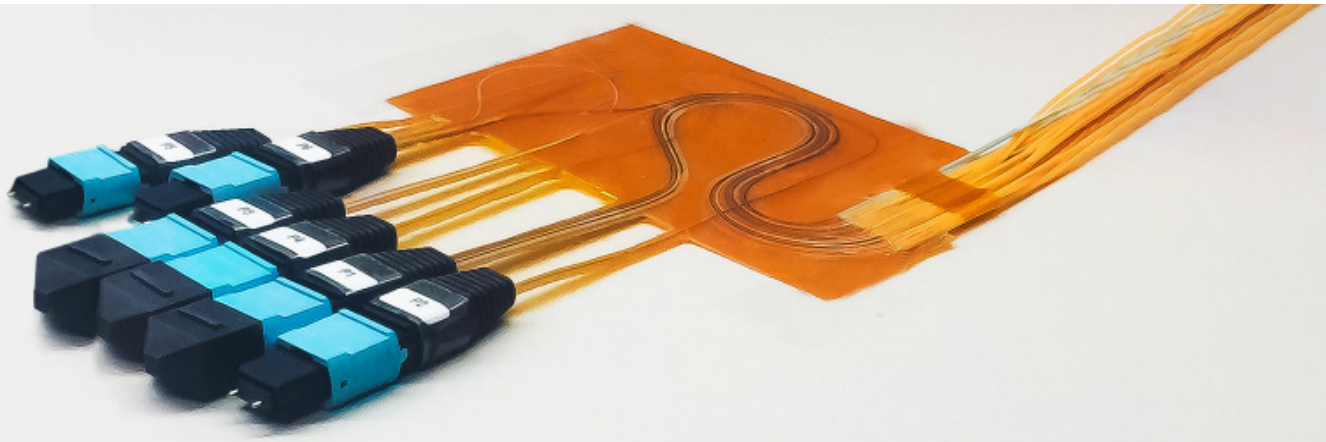


Fiber Flex Planes Fiber Optic Systems



Amphenol FSI Fiber Flex planes provide high density routing of fiber optic channels on a flexible substrate for backplanes and systems that require high density optical interconnects.

Amphenol FSI's Fiber Flex optical backplanes respond to the increasingly present requirement for wire and cable management to maximize airflow inside LRUs and communication systems. Fiber Flex planes provide a manageable method of routing fiber from interface to interface and from shelf-to-shelf. Designed for versatility, standard Fiber Flex circuitry provides high-density routing on a flexible, flame-resistant substrate.

Fiber Optic sub-systems often need to be quickly diagnosed and replaced on backplanes without disrupting the entire LRU. Design flexibility is a key element to simplify system architect's need to meet the particular demands of each application. Available in virtually any routing scheme, fiber can be routed point-to-point, in a shuffle or in a set pattern to meet specific application requirements. Direct or fusion-spliced terminations are available, input and outputs to ribbon, discrete are easily integrated in the design along with any mix of fiber sizes.

Features & Benefits :

- Flame resistant substrate
- Multimode, single mode and hybrid versions
- Temp range -55 to +95C
- Diverse substrate size, shape and packaging
 - Provides efficient and manageable solutions to high-fiber count distribution systems
- Available in virtually any routing scheme
- Compatible with multi and discrete-fiber terminations
 - Provides a variety of design alternatives
 - Customized solutions
- Compatible with MT Ferrules
 - Ideal solution for high-density applications using Amphenol's THDM or MT38999 solutions
- Entire circuit is 100% insertion loss (IL) and continuity tested
 - Ensures correct pin-out prior to packaging
- Direct or fusion splice terminations available
 - Eliminates additional insertion loss

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Amphenol Fiber Systems International (AFSI), a division of Amphenol Military & Aerospace Operations (AMAO), is the largest manufacturer of harsh environment fiber optic cable assemblies & connectors in the world. Visit AMAO at amphenolmao.com.

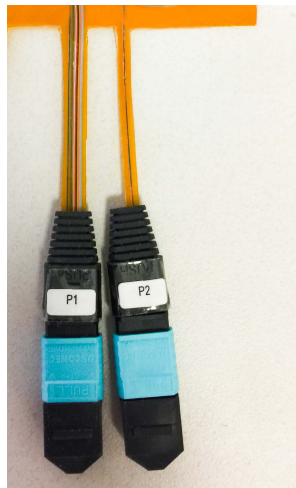
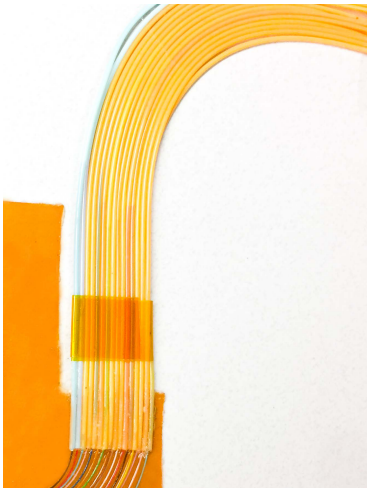
Aerial View :



Amphenol Fiber Systems International (AFSI) :



Aerial View :



Aerial View :

Aerial View :

Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas, mining and broadcast applications. After more than two decades in business, AFSI continues to uphold its position as a global leader in fiber optic interconnect components and systems such as termini, M28876, MIL-ST, TFOCA and the TFOCA-II® connector, which AFSI developed and patented.

AFSI has delivered millions of fiber optic connectors in more than 34 countries. Whenever there is a need for superior, cost-effective fiber optic systems and products that will stand up to demanding operating environments, you can rely on AFSI for engineering know-how, top-quality products and expert technical support.

Visit www.amphenol-fsi.com for more information.