



AquaLink® Dry-Mate Submersible Fiber Optic Plug & Receptacle

About AquaLink® Connectors

Amphenol Fiber Systems International (AFSI) offers the AquaLink®, a cost-effective series of dry-mate submersible fiber optic connectors for underwater applications. The FS140 AquaLink® has been designed for pressures up to 4,500 psi/300 bar (mated) which is adequate for 10,000 feet (3,000 meters) of water. The open mated receptacle supports pressures up to 450 psi.

The standard AquaLink® supports up to four single mode or multimode fiber optic contacts with additional channels available upon request. Using precision ceramics, the AquaLink® provides excellent optical performance with insertion losses of 0.3 dB typical and 0.75 dB maximum. The AquaLink® is also easy to terminate, requiring standard fiber-optic tools and training.

The AquaLink® is offered in a variety of materials including stainless steel 316, inconel 718 and marine bronze.

Features & Benefits

- Cost-effective multi-channel underwater fiber optic connector
- Supports applications up to 10,000 feet
- Easy to terminate using standard fiber optic tools and training

- Available in a variety of materials

Applications

- Tidal Power Generation
- Underwater ROVs
- Subsea Tiebacks
- Seabed Systems
- Submerged Sensor Systems

Specifications

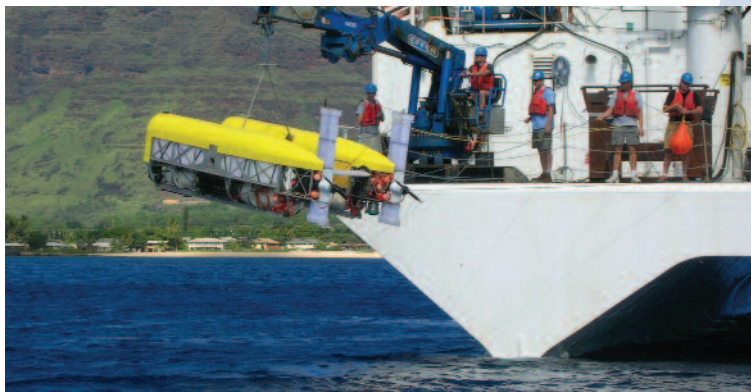
Pressure: ≤ 10 kpsi (mated)
Insertion Loss: ≤ 0.75 dB

About Amphenol Fiber Systems International

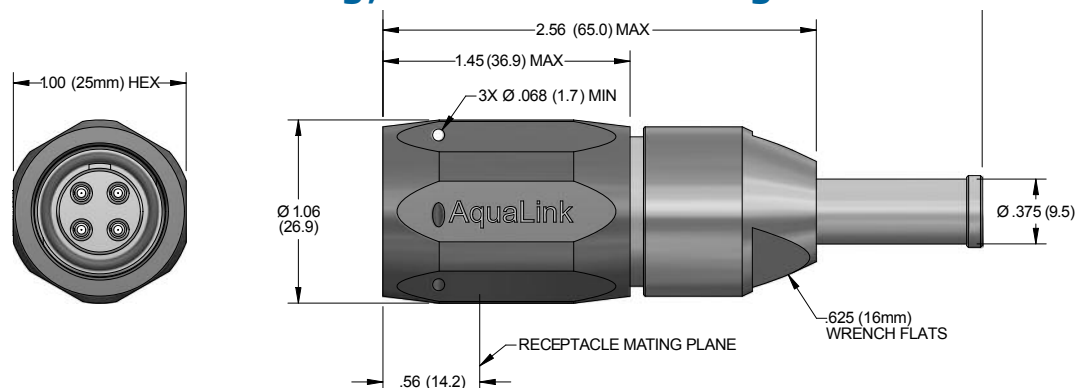
Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas, mining and broadcast applications. After more than a decade in business, AFSI continues to uphold 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 22 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.

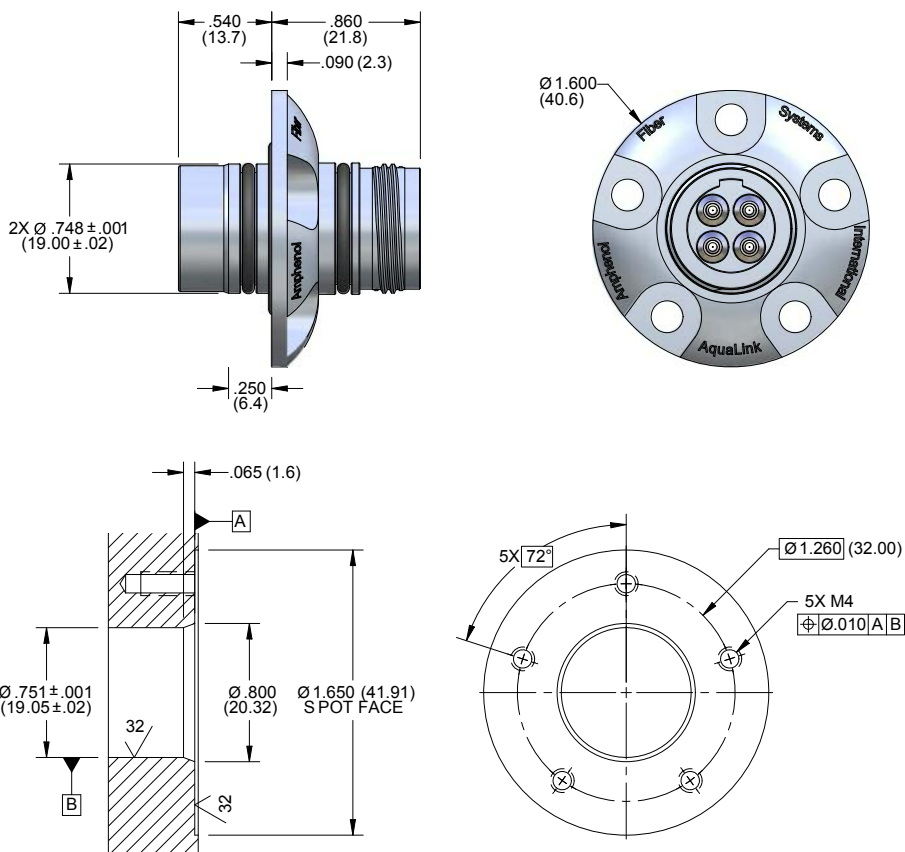
Visit www.fibersystems.com for more information.



AquaLink® FS140 Plug, Product Drawing



AquaLink® FS140 Receptacle, Product Drawing & Panel Cut-Out



How to Order

For more information on how to order or to obtain a price quote on our AFSI AquaLink® products, call toll free (U.S. only) at 800.472.4225, international calls please use 1.214.547.2400 or e-mail sales@fibersystems.com.

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