

# Quadrax Adapter



**Amphenol Fiber Systems International (AFSI) manufactures a complete line of next generation fiber optic connectors designed to meet the needs of harsh environment applications.**

Amphenol Fiber Systems International (AFSI) offers a complete line of fiber optic connectors designed to meet the needs of harsh environment applications. The connectors are designed for rear release so the user can extract the termini without scratching the termini end face. Also, the alignment sleeve retainer is removable so the user can easily clean the termini.

The AFSI Quadrax Fiber Optic Adapter supports any ARINC 801 termini including single mode or multimode and PC or APC polish. The adapter uses standard quadrax tools for extraction and insertion. The device is designed for rear release so the user can extract the termini without scratching the termini end face. Also, the alignment sleeve retainer is removable so the user can easily clean the termini.

**Features & Benefits :**

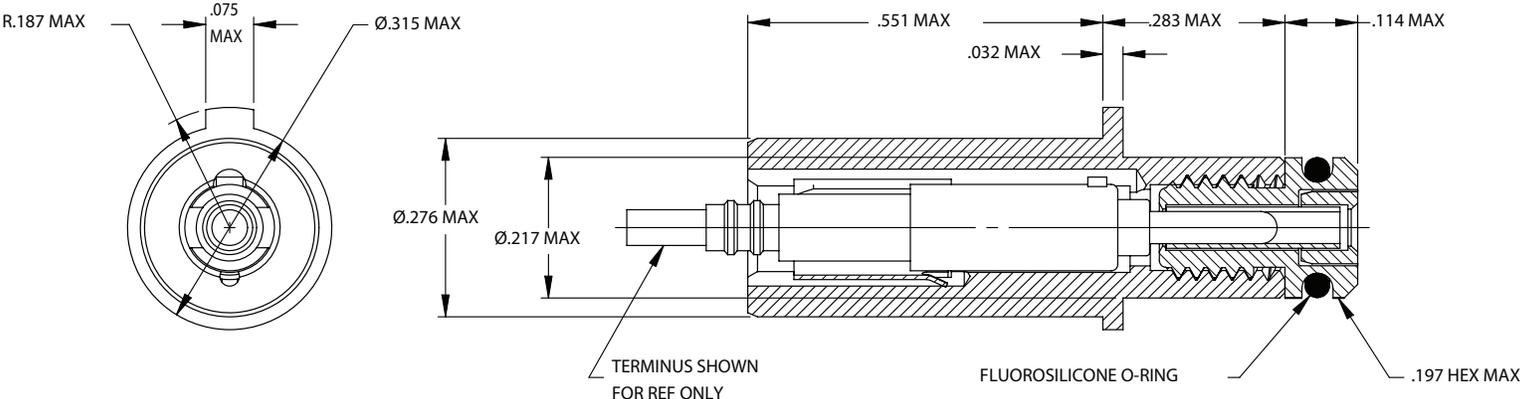
- Single mode or multimode
- PC or APC polish
- Rear release design
- Removable alignment sleeve retainer
- Standard quadrax tools for extraction and insertion
- Easy to clean

**Applications:**

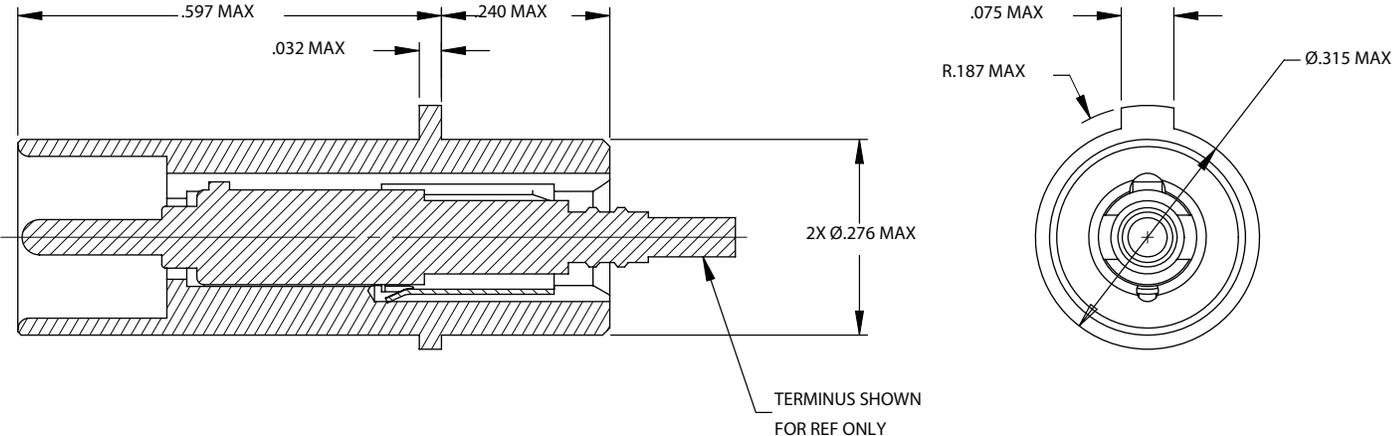
- Defense
- Aerospace
- Industrial

# Quadrax Adapter

## FRPA1000 Product Drawing:



## FRPA6000 Product Drawing:



(All dimensions are in inches unless otherwise noted.)

# Quadrax Adapter

## Ordering Information:

### Quadrax Fiber Optic Adapter:

FRPA1000: Fiber Optic Quadrax Adapter, Male

FRPA6000: Fiber Optic Quadrax Adapter, Female

*Note: ARINC 801 termini sold separately.*

### ARINC 801 Fiber Optic Termini Ordering Information:

FS801 -X XXXX - X

#### CABLE TYPE

A = Pull Proof Class Type

B = Tight Buffer

#### Ferrule Inner Diameter

1250 = 125 MICRONS

1255 = 125.5 MICRONS

1260 = 126 MICRONS

1280 = 128 MICRONS

1440 = 144 MICRONS

1570 = 157 MICRONS

1750 = 175 MICRONS

2360 = 236 MICRONS

3360 = 336 MICRONS

4480 = 448 MICRONS

#### POLISH

U = ULTRA POLISH

A = ANGLE POLISH



A Multichannel Active Transceiver incorporating the Quadrax Fiber Optic Adapter



### 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 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](http://www.amphenol-fsi.com) for more information.

### How to Order :

For more information on how to order or to obtain a price quote on any of our products, please call us at 800-472-4225. For international calls please dial 214-547-2400 or e-mail us at [info@fibersystems.com](mailto:info@fibersystems.com).

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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](http://amphenolmao.com).