

# Amphenol Fiber to Copper Converter

Amphenol Aerospace offers the Fiber to Copper Converter product line, a flexible, affordable, and rugged fiber copper converter system with many options available.

***The Amphenol connector will transform your high speed needs to a new level. We have taken two technologies and combined them into a hybrid connector. Now you can transfer high speed data seamlessly from copper to fiber and from fiber to copper.***

## Features and Benefits:

- No need for internal subsystem fiber harnesses, interconnect, or transceivers
- Utilizes copper transceivers and existing interconnect (backplane, harnessing, faceplate) for system fiber connection
- Media conversion at the connector reduces system complexity and cost
- APH Epoxy staking protects delicate fiber components for environment and assembly process

## Overall Unit Dimensions:

- Connector + dog house
- 13 shell size + flex copper assembly; other shell sizes available
- PC tails available

## Fiber Interface:

- Jamnut or flange mount
- Shell size 13 38999; options for EPX/ARINC 400/600
- MS29504 system fiber interface; options for expanded beam/ARINC 801/MT
- 2X bi-directional interfaces
- Speeds of 1G, 2G, 4G, 10Gbps
- Interface support for 1/2/4/8G FC and 1/10GbE; option for DVI, SFDP

## Copper Interface:

- 2X high speed channels on 6.5 Gbps capable split pair quadrx PC tails or flex assembly
- Interfaces for power, diagnostics, and others

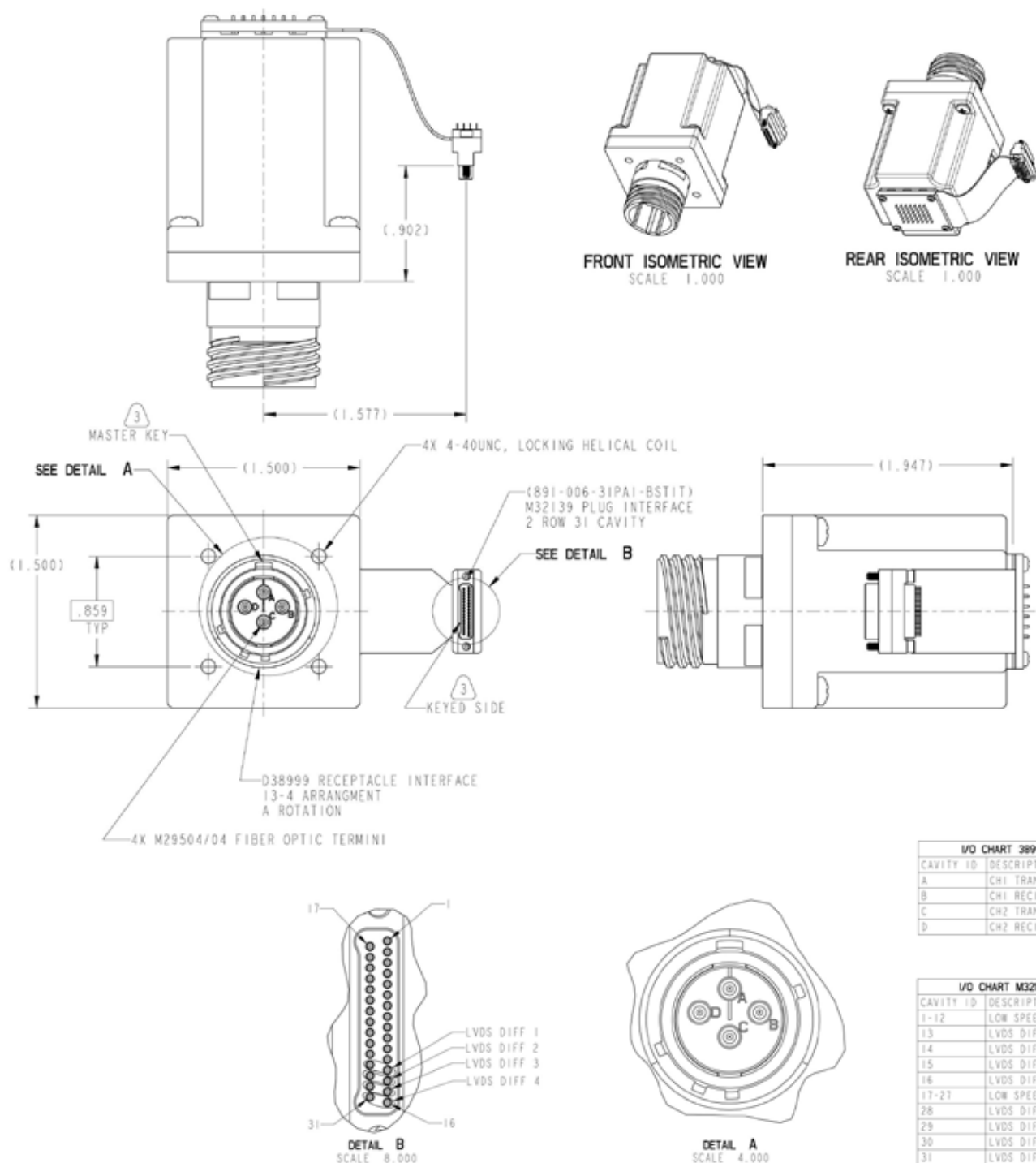
## Ruggedization:

- Full ruggedization for environmentals and EMI/EMP
- Interfaces for power, diagnostics, and more

Contact Jared Sibrava for more information at [jsibrava@amphenol-aao.com](mailto:jsibrava@amphenol-aao.com) or call 607-563-5372



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