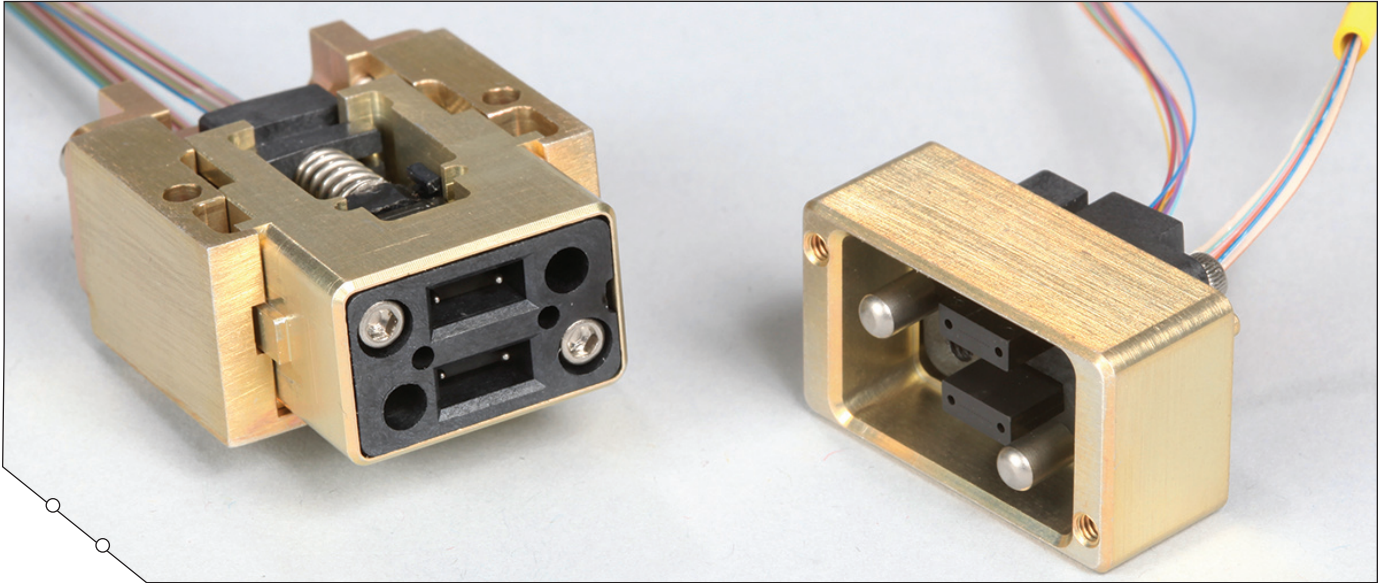


Amphenol



In the Forefront of Design For -

VITA 66.1 Optical Interconnect on VPX - MT Variant



Precision Fiber Optic Interconnection System for High Speed and Secure Data Transference

The emergence of highly reliable fiber optic transmission systems that provide high speed and secure communication has led to the development of precision fiber optic multi-channel termination and interconnection systems for harsh environments.

Amphenol Corporation, well known for high quality, reliable interconnection products for the military-aerospace market, has a wide offering of fiber optic products to meet today's needs*.



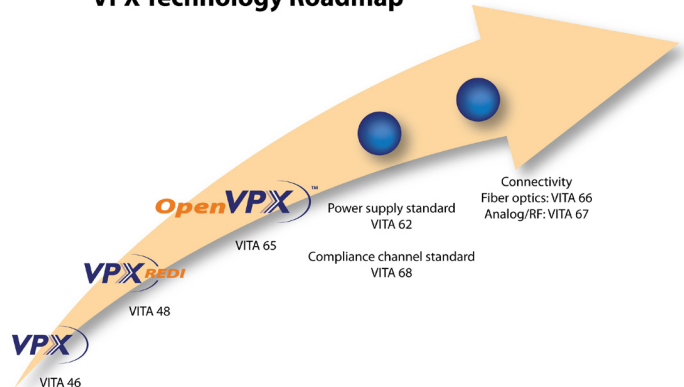
Amphenol's VITA 66.1 Interconnect is Designed in accordance with the VPX Technology Roadmap

VITA-66.1 Fiber Optic Interconnects

The VITA 66.1 MT variant for VPX systems is a ruggedized interconnect that is among the highest density of connector products on the market. This connector system provides a reliable high speed connection for the most extreme military and commercial environments.

* See the Fiber Optic section of Amphenol's combined circular product catalog, 12-C3 - online at www.amphenol-aerospace.com

VPX Technology Roadmap

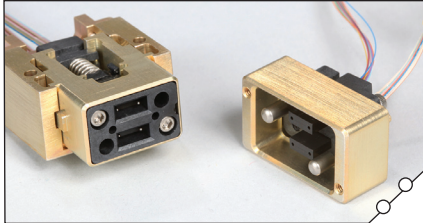


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VITA 66.1 Optical Interconnect on VPX - MT Variant



VITA-66.1 Fiber Optic Interconnects

Key Features:

- Compatible with VITA 66.1 footprint
- Robust aluminum shells
- Proven design - variations used on several existing military aircraft platforms
- Rugged guide pins
- Floating insert for improved blind mating characteristics

How to Order:

For MT ferrules used on air-cooled plug-in-modules utilizing a faceplate only.

VITA-66.1 Connectors with 2mm Range of Engagement	
Module MT Connector Part Number	Backplane MT Connector Part Number
10-504637-002	10-504639-002

For MT ferrules used on all other plug-in-modules with mechanical and thermal configurations.

VITA-66.1 Connectors with 1mm Range of Engagement	
Module MT Connector Part Number	Backplane MT Connector Part Number
10-504637-004	10-504639-002

Designed to accommodate the allowed VITA 66.1 MT Ferrule configurations as listed below:

Configuration	Fiber Type	C Dia. Max.
MM02F	Multi-Mode 50 μm	2
MM04F	Multi-mode 50 μm	4
MM08F	Multi-mode 50 μm	8
MM10F	Multi-Mode 50 μm	10
MM12F	Multi-mode 50 μm	12
MM24F	Multi-mode 50 μm	24
SM02F	Single Mode 8-9 μm	2
SM04F	Single Mode 8-9 μm	4
SM08F	Single Mode 8-9 μm	8
SM10F	Single Mode 8-9 μm	10
SM12F	Single Mode 8-9 μm	12
SM24F	Single Mode 8-9 μm	24

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