

Introduction/  
Pkg. Solutions/  
Brush Contact

LRM (Line Replaceable Modules)  
Options/  
Accessories

Hybrids - Fiber Optics / Staggered/  
Hi Speed/RF/Power

GEN-X

Ruggedized  
VME64x/  
VITA 60, 66

High Density  
HSB3  
Hi Speed

HDB3

Low Mating Force MIL-DTL-55302  
Docking Conn./  
Accessories/Install.

Hybrids - Signal/Power/  
Coax/Fiber Optics

Standard  
Brush

Rack & Panel  
Brush  
Ruggedized

LMD/LMS  
Rectangular  
Interconnects

Other  
Rectangular  
Interconnects

**New/Featured Product**

**VME P0/J0 Fiber Optic Interconnects**

Amphenol provides a fiber optic interconnect for attachment to standard VME-64x cards and backplanes for the P0 and J0 locations of the boards. It uses "MT" ferrules and it is used in place of P0/J0 electrical applicable connectors. MT ferrules are not supplied by Amphenol. Connectors are supplied less the MT ferrules.

Performance features include:

- Tested to IEEE 1156.1-1993
- Operating temperature from -55°C to +125°C
- Shock: 100g, 6ms, 1/2 sine, 18 pulses  
Shock: 30g, 6ms, 1/2 sine, 18 pulses
- Sine vibration: 10g, 40 min./axis, 3 axis
- Random vibration: 0.15g<sup>2</sup> Hz, 40 min./axis, 2 axis
- ESD: 15KV/150 pF

Amphenol's VME P0/J0 fiber optic connectors are used in military and commercial aviation, military vehicles and GPS systems. They are designed to customer specifications. Consult Amphenol Aerospace for further information.



VME P0/J0 Connectors with MT ferrule fiber optics

VME P0/J0 Module MT Connector Part Number	VME P0/J0 Backplane MT Connector Part Number
10-509050-011	10-509050-041

**VITA-66.1 Fiber Optic Interconnects**

Amphenol's proposed VITA-66.1\* MT connector provides a reliable high speed connection for the most extreme commercial and military environments.

This ruggedized interconnect is among the highest density of connector products on the market.

MT ferrules can be accommodated as follows:

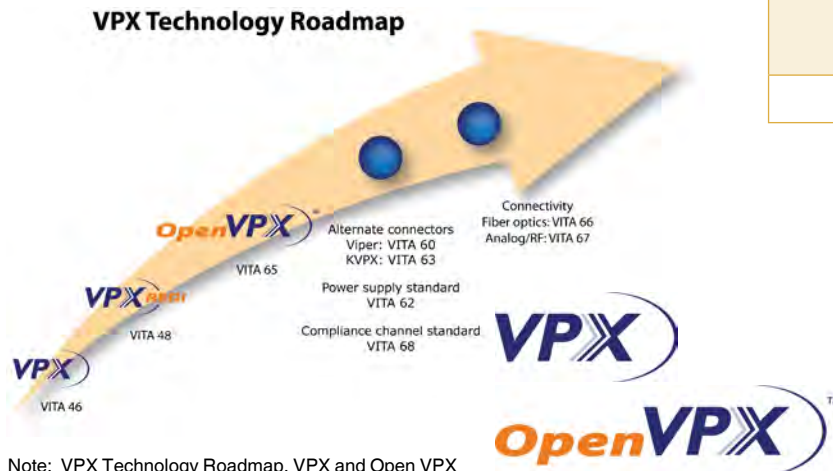
- Up to 24 fiber optic channels per MT ferrule
- Up to 48 channels per connector

MT ferrules are not supplied by Amphenol. Connectors are supplied less the MT ferrules.



VITA-66.1 Connectors with MT ferrule fiber optics

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



Note: VPX Technology Roadmap, VPX and Open VPX Logos are copywrite to VITA

\* VITA-66 supersedes VITA-46.

VITA-66 Connectors	
Module MT Connector Part Number	Backplane MT Connector Part Number
10-504637-004	10-504639-002