

## Value Added Service: Wiring

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Contact Us Now:  
[applications@macpanel.com](mailto:applications@macpanel.com)  
[www.macpanel.com](http://www.macpanel.com)

## Why Choose MAC Panel For Your Wiring Service Needs?

MAC Panel's wiring operations share the company's dedication to providing quality wired boxes, wiring harnesses, and patch-cords. Customers that utilize our services can be found in many different industries in the test and measurement space, including:

- Mil/Aero
- Automotive
- Medical
- Industrial
- Semiconductor
- Defense

### Customer Benefits In Working With MAC Panel On Wiring Projects Include:

- Utilizing Our Vertically Integrated Production Resources Means Reduced Time To Test
- Our IPC Certified Wiring Technicians Ensure Even The Most Demanding Quality Standards Are Met.
- Our Engineering Department Provides Support Services And Extensive Quality Checks On Your Build To Print Projects.

### Wiring Harnesses



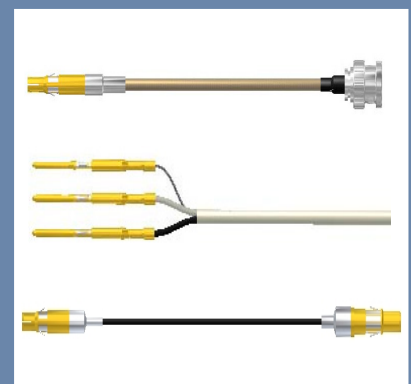
Custom Wiring Harnesses Built To Your Specifications.

### Custom Wired Enclosures



Examples Include: STAs, ITAs, Load Boxes, Breakout Boxes.

### Patch Cords



Custom Patch Cord Configurator

**EasyCable**

[www.easycable.macpanel.com](http://www.easycable.macpanel.com)



## Value Added Service: Wiring

### Motherboard ITAs



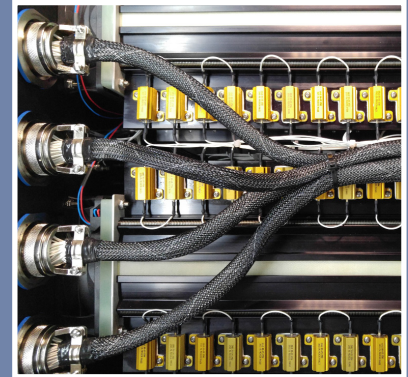
Motherboard Based ITAs  
Use PCB's In Place of  
Wires When Possible

### Labeling Systems



Wire Labeling Systems  
Include (Not Limited To):  
Wrap Label, Tie Wrap,  
and Heat Shrink

### Wire Management



Cable and Wire  
Management Systems  
Ensure Lasting Signal  
Integrity

## Capabilities and Quality Standards

Supported Connectors Include  
(Not Limited To):

- Molex
- Amphenol
- APEX
- Glenair
- Itt Cannon
- Deutsch
- Tyco
- Honda
- Airborn
- SMA
- SMB
- BNC

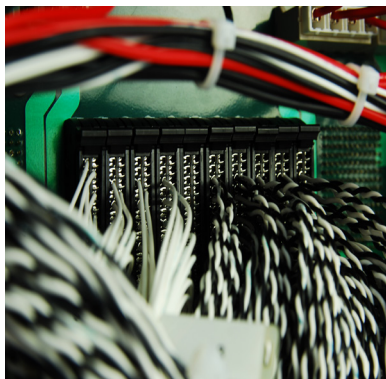
We adhere And Are Trained  
To The Following Quality  
Standards:

- WHMA/IPC 620B
- J-Standard
- Customer Internal  
assembly and inspections.

ATE Testing Including:

- Continuity
- Hipot
- In Process
- Visual Verification
- DMM
- Final

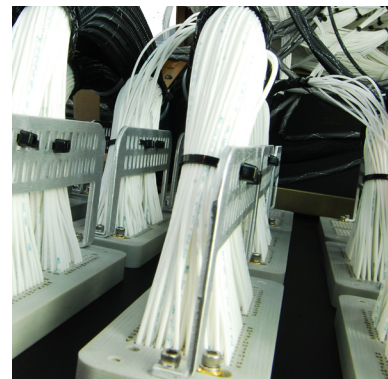
## Custom Wiring Examples



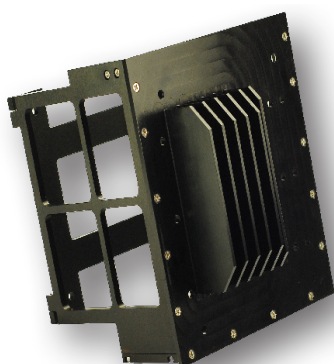
Variety of Wire and Termination Styles



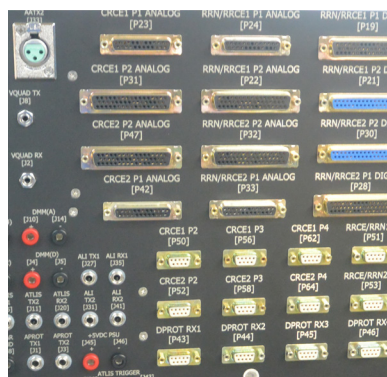
Complex PCB and Wired Assemblies



Appropriate Cable Management



In House Sheet Metal Design and Manufacturing



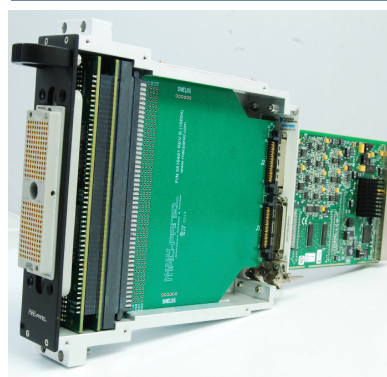
Variety of Supported Connector Styles



Hinged Panels



Fiber Optic Wiring (XBeam)



PCB Based Direct Access Kit (DAK)



Laser Engraving Of Panels To Customer Specifications