

## Metral® Cable Connector

### CABLE CONNECTORS WITH FUTUREBUS+ SUPPORT FROM METRAL

Metral® 2mm pitch cable connector meets the Board-to-Cable interface requirements and is part of the Metral® product family offering the widest range of backplane connector solutions. The connector is designed in accordance with IEC 61076-4-104 and Telcordia™ GR-1217-CORE.

Metral® cable connector is available in 4 and 5 row versions. They come in single and multi-module configurations.

Metral® backplane connectors meet Futurebus+ standards to support applications in data, industrial and instrumentation, medical and telecom markets.

- Pitch: 2mm
- For backplane applications
- Modular and end-to-end stackable

#### FEATURES

- Insulation-displacement contact (IDC) termination
- Active backshell latch
- Dual beam contact design
- 4 and 5 row versions available
- Connectors are end-to-end stackable



#### TARGET MARKETS



#### BENEFITS

- Ensures ease of cable termination
- Secures connection of cable connector to mating header
- Provides electrical reliability and withstands vibration
- Caters to different connector sizes
- Prevents loss of contact position

## TECHNICAL INFORMATION

### MATERIALS

- Housing: Glass-filled Polyamide; UL 94V-0
- Contact: Copper Alloy
- Plating: Performance-based plating

### ELECTRICAL PERFORMANCE

- Dielectric Withstanding Voltage: 1000VDC
- Insulation Resistance: 1000MΩ min.
- Current Rating: 1A (all contacts powered)

### ENVIRONMENTAL

- Operating Temperature Range: -55°C to +105°C

### SPECIFICATIONS

- Product Specifications:  
GS-12-015, GS-12-016
- Application Specifications:  
GS-20-002, GS-20-003

### MECHANICAL PERFORMANCE

- Mating Force: 1N max. per pin
- Unmating Force: 0.2N min. per pin
- Wire Range: 30AWG to 24AWG

## PART NUMBERS

Module	Part Numbers	
	4 Row	5 Row
1	72476-1111LF	72478-1111LF
2	72477-1111LF	72479-1111LF

Note: The above table captures only a representative list of parts. Please refer our website, [www.amphenol-cs.com](http://www.amphenol-cs.com) or contact Amphenol for other part number details.

Lead-free and RoHS compliant products are designed by the addition of LF as a suffix to the dash number.

### APPROVALS AND CERTIFICATIONS

- IEC 61076-4-104
- Telcordia® GR-1217-CORE

### PACKAGING

- Trays

### TARGET MARKETS/APPLICATIONS



Telecom



Data



Industrial & Instrumentation



Medical

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