

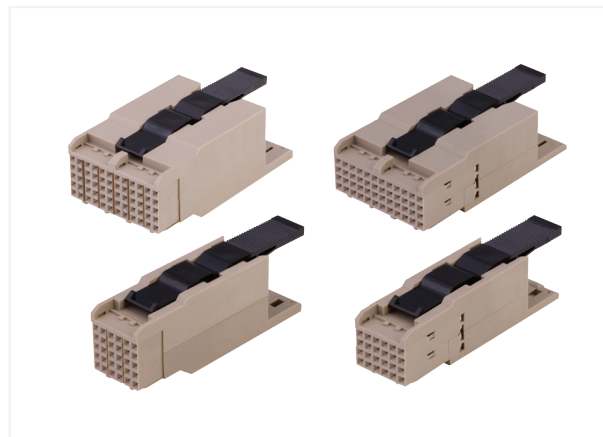
METRAL® CABLE CONNECTOR

OVERVIEW

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.



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

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: 1000M Ω min
- Current Rating: 1A (all contacts powered)

ENVIRONMENTAL

- Operating Temperature: -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

APPROVALS AND CERTIFICATIONS

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

PACKAGING

- Trays

TARGET MARKETS/APPLICATIONS

- Data
- Industrial & Instrumentation
- Medical
- Telecom

PART NUMBERS

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

BPLMETRALCAB0615EA4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[72476-1111LF](#) [72478-1211LF](#) [72479-1211LF](#) [72479-1111LF](#) [72477-1211LF](#) [72477-1111LF](#) [72478-1221LF](#) [72377-1121LF](#) [72377-1221LF](#) [72394-1111LF](#) [72394-1121LF](#) [72394-1221LF](#) [72394-2111LF](#) [72394-2121LF](#) [72394-2211LF](#) [72394-2221LF](#) [72394-9111LF](#) [72394-9211LF](#) [72476-1121LF](#) [72476-1211LF](#) [72476-1221LF](#) [72476-2111LF](#) [72476-2121LF](#) [72476-2211LF](#) [72476-2221LF](#) [72476-3211LF](#) [72476-9211LF](#) [72477-1121LF](#) [72477-1221LF](#) [72477-2111LF](#) [72477-2121LF](#) [72477-2221LF](#) [72477-3211LF](#) [72477-3221LF](#) [72477-9121LF](#) [72478-1111LF](#) [72478-1121LF](#) [72478-2121LF](#) [72478-2211LF](#) [72478-2221LF](#) [72478-3111LF](#) [72479-1011LF](#) [72479-1121LF](#) [72479-1221LF](#) [72479-2111LF](#) [72479-2121LF](#) [72479-2211LF](#) [72479-2221LF](#) [74896-001LF](#) [84663-001LF](#) [84663-002LF](#) [84664-001LF](#) [84665-006LF](#) [85704-2111LF](#) [85706-1111LF](#) [85706-2211LF](#) [10118971-201LF](#) [72377-1021LF](#) [72377-1111LF](#) [72377-2011LF](#) [72377-2021LF](#) [72377-2111LF](#) [72377-2121LF](#) [72377-2211LF](#) [72377-2221LF](#) [72377-9011LF](#) [72377-9021LF](#) [72377-9111LF](#) [72377-9121LF](#) [72377-9211LF](#) [72377-9221LF](#) [72394-1211LF](#) [72394-9121LF](#) [72394-9221LF](#) [72476-1111LF](#) [84664-002LF](#) [84665-001LF](#) [84665-003LF](#) [84665-004LF](#) [84665-005LF](#) [85706-2011LF](#) [85706-2021LF](#) [85706-2111LF](#) [72476-9111LF](#) [10089331-101LF](#) [10087068-101LF](#) [72377-1011LF](#) [10087038-101LF](#) [10089331-102LF](#) [10087038-102LF](#) [85704-1011LF](#) [10087038-201LF](#) [10087038-202LF](#) [10087038-203LF](#) [10087038-204LF](#) [10087068-201LF](#) [10089331-201LF](#) [10118971-2202LF](#) [10089331-202LF](#) [10089331-203LF](#)