

Latest Power Connectors from Amphenol

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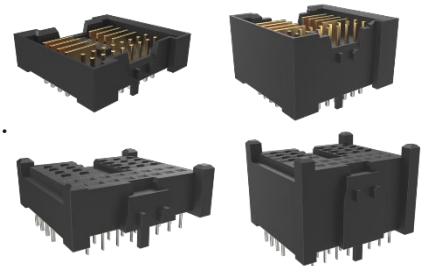
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PwrBlade® MiniMezz Connector Series

PwrBlade® is one of Amphenol's legacy brands and is known for high-performing connectors in different capacities. The latest to this family is the [PwrBlade MiniMezz Connector](#), with enhanced features in a smaller profile.

These lowest profile hybrid mezzanine connectors are available in stack heights ranging from 8mm to 20mm with options for power & signal contacts. With $\pm 0.80\text{mm}$ of gatherability, they are offered with blind-mate guides.

PwrBlade® MiniMezz is available with a press-fit tail or an in-solder tail termination.



OCP 48V BarKlip® BK500

OCP 48V BarKlip® BK500 and BK150 are the latest additions to the Busbar family. These power cable assemblies are designed to meet OCP V3 IT Gear power distribution architecture standards and [OCP 48V BarKlip® BK500](#) provides a convenient method of distributing up to 500A per contact between busbars, cables, and circuit boards. With two individual power circuits and two newly added secondary chassis grounding contacts, they come with high current carrying capabilities and customizable features.

These connectors provide an ultra-low end-of-life contact resistance of $0.5\text{m}\Omega$ with 18 independent conducting beams respectively. They support 48V Power Rack Architecture and come as simple configurable plug-and-play solutions. The contacts are made of high conductivity copper alloy and are ultrasonically welded between wire and contact adds to low voltage drop and enables high reliability. The floating panel mount design provides 6.4mm side-to-side gatherability and supports $\pm 3\text{mm}$ float horizontally and vertically. They find applications in a variety of power-dense data center applications such as Power shelves, BBU & server/storage sleds.



OCP 48V BarKlip®BK150

The [BarKlip BK150](#) is much similar to this in features, however as the name suggests it comes with a lower capacity. Capable of distributing up to 150A per contact, they feature 12 independent conducting beams and silver plating still providing ultra-low end-of-life contact resistance of 0.5mΩ. In addition to the rest of the features of BK500, BK150 also has new sense pin contacts that enable mate last-first break capability.

Click [here](#) to learn more about Amphenol's latest and legacy [power connectors](#) for high-performance applications.

