**Title:** 12-Port Black Mountable Pre-Insulated Connector, 500 MCM - 4 AWG

**Alternate Title:** Polaris IPLMD500-12 Multi-Tap Dual Sided Entry Mountable 12-Port Connector

**Short Description:** Polaris Black Multi-Tap Mountable Connectors form secure connections between multiple conductors with a rounded design and UV-resistant insulation coating. Installs with a hex key and torque wrench, with no need for cover and taping.

**Long Description:** The Polaris IPLMD500-12 Multi-Tap Mountable Dual-Sided Entry Connector features 12 ports sized for 500 MCM - 4 AWG wires. Mounting holes on either side of the connector allow for direct mounting to troughs, panels or wireways with 1/4” bolts. The body is made from aluminum alloy wrapped in a layer of plastisol insulation. Each dual-sided port is pre-loaded with an oxide inhibitor, with removable access plugs over the hex screws used to tighten the connections. Installs with a hex key and torque wrench, without any tape or additional supplies. Designed for use in a wide range of splicing applications, including installation in cable trays, panel boards, ducts, raceways or troughs.

**Product Features:**

* **Dual-Side Wire Entry:** Form secure connections between 12 conductors quickly using the double-side entry ports sized for wires between 500 MCM and 4 AWG
* **Mounting Holes:** Installation is simple with mounting holes on either side of the connector to attach directly to panels or troughs using 1/4" bolts
* **Ergonomic Design**: The plastisol insulation features rounded corners for a comfortable grip and is UV, abrasion and chemical-resistant for durable performance
* **Removable Plugs**: Each port and adjustable set screw is covered by a secure plug to prevent debris, moisture or contaminants from entering the insulated connector
* **Pre-filled Oxide Inhibitor**: All 12 dual-side entry ports come pre-filled with an oxide inhibitor gel to prevent corrosion and provide low-contact resistance

**Marketing Copy:** The Polaris IPLMD500-12 12-Port Dual-Sided Mountable Connector provides the simplest solution for forming a secure connection between up to twelve conductors in applications including cable trays, panel boards, ducts, raceways or troughs. Sized for 500 MCM - 4 AWG wires and rated for 600V, this pre-insulated connector comes pre-loaded with an oxide inhibitor and installs faster than traditional uninsulated connector options using just a hex key and torque wrench. Mountable connectors feature 1/4" mounting holes on either side of the connector so they can be directly attached to your installation site. The aluminum alloy body is wrapped in high-dielectric strength plastisol insulation, which is ergonomically molded to offer a comfortable grip, in addition to being resistant to abrasion, chemicals and UV rays. All-in-one design saves time and supplies on each job by eliminating the need for cover and taping; simply brush the conductors clean, strip back their insulation, insert one conductor into each port and secure the covered pressure screws. The IPLMD500-12 connector is rated for a 90 degrees Celsius operating temperature and dual rated for use with copper and/or aluminum cables, up to max AMP ratings of 1612 and 1262 respectively. Polaris pre-insulated connectors are available in a range of port numbers and configurations to fit the needs of any job, including UL-listed parallel configurations. Polaris: the original pre-insulated connector and still the brand most asked for by name.

**Keywords:** Pre insulated electrical conductor black mountable mount wall multitap connector heavy duty wire filled port oxide inhibitor assembly protection innovation ergonomic smooth edges splicing twelve port dual side

**Brand A+ Content:**

Headline: The Original

Body copy: Polaris was the original innovator in pre-insulated connectors is still the brand most asked for by name

Headline: Built for Professionals

Body copy: An ergonomic rounded design, aluminum alloy body and removable plugs combine to deliver professional quality every time

Headline: Easiest Installation

Body copy: Polaris connectors are pre-loaded with dielectric grease and install faster without tape or specialized tools

Bottom copy: Available in a range of port numbers and arrangements to match your needs, including UL listed parallel configurations