

# Patton CL1214/EUI-2PK High Speed CopperLink Ethernet Extender (Local/Remote) Kit/RJ45 Line

## High Speed CopperLink Ethernet Extender Kit (Local and Remote); RJ45 Line, 100-240VAC

Perfect for bandwidth-intensive applications the CL1214 delivers off-the-chart symmetrical line rates greater than 100 Mbps. Best of all-like all CopperLink™ products-the CL1214 leverages existing copper infrastructure to deliver high speed Ethernet connectivity over voice-grade twisted pair, Cat 5e/6/7, and-new to the CopperLink™ line-coaxial cabling.

Four user-selectable configuration profiles-combined with Patton's auto-rate adaptation feature-ensure maximum achievable symmetrical or asymmetrical rates for the installed noise environment, wire gauge/type and length.

Symmetrical line-rate settings are ideal for such applications as remote LAN extension, video teleconferencing, and data backhaul. Asymmetrical configurations are well-suited for applications requiring higher downstream speeds and/or longer distances between Ethernet devices. Typical symmetrical scenarios include medical imaging, livestock monitoring, underwater video, internet gaming, and transporting high-resolution IP video from security cameras.

Realize fiber-like speed and distance without the expense of fiber with Patton's Ultra-High-Speed CopperLink™ Ethernet Extenders.

### Features:

- **Ethernet Extension**-Extend 10/100Base-TX Ethernet up to 10,000 feet (3 kilometers)-well beyond the 328-foot (100-meter) limitation-over a single twisted-pair, Cat 5e/6/7, or even coaxial cable.
- **Operates Over Twisted Pair**-Realize fiber-optic speeds without the expense-and hassle-of installing new cables or line-of-site wireless circuits.
- **Plug and Play**-Set these units up straight out of the box. No configuration is required. Auto-sensing 10/100 Ethernet ports support full or half duplex operation.
- **Multiple Line Rates Supported**-Boasting downstream line rates up to 168 Mbps, the switch-selectable rate mode options optimize rate and reach for the noise environment, wire gauge/type and length.
- **Transparent LAN Bridging**-Bypass network configuration requirements by transparently passing all higher layer protocols-including 802.1Q VLAN frames (tagged and untagged). Data-transmission mechanism is fully transparent to such IP video compression schemes as MPEG-4, H.264 and MJPEG.
- **Made in the USA** - This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.