

Model 2173R



Features

- **Operates over Twisted Pair**—reduces the cost and hassles of new installations. Utilizes installed voice-grade twisted pairs to eliminate the expense of fibre or Cat5e cabling.
- **Plug and Play**—No configuration or cable hassles during installation with auto-sensing 10/100, full or half duplex, and auto MDI-X Ethernet ports.
- **Full-duplex data-line rate of 155 Mbps**—provides near fibre performance for bandwidth intensive applications.
- **Ruggedized**—Operating temperature of -40 to 85°C.
- **Flexible installation**—Wall-mount ready and an optional DIN rail mounting kit is available.

Overview

The Patton Model 2173R utilizes pre-existing twisted pair infrastructure enabling twisted pair previously used for legacy systems such as TTL, RS232 and 422/485 to be used for extending networks or connecting Ethernet devices together. With a pair of 2173Rs or combined with a desktop-style 2173, twisted pair can carry an extraordinary bandwidth of 155 Mbps full-duplex (upstream plus downstream). Reusing the already existing infrastructure for Ethernet Networking eliminates the cost of purchasing expensive fibre and Cat5E or greater cabling. Most important, it avoids the downtime and hassles that installing cable would cause.

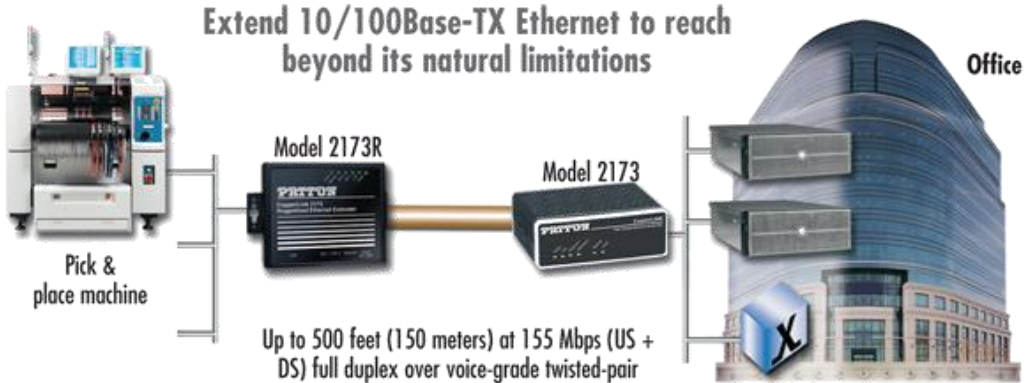
The 2173R operates in rugged environments where temperatures range from -40 to 85°C. The 2173R's sturdy aluminium case can be quickly mounted on a wall or DIN rail (with optional DIN rail kit).

Applications

Workgroup Ethernet Extension Application

The Model 2173R multi-rate Ethernet Extenders are ideal for delivering Ethernet links to remote buildings that are beyond the 328-foot (100-meter) distance limit of Ethernet. 100 Mbps throughput eliminates bandwidth concerns previously experienced with other copper wired transmission technologies. By utilizing existing voice grade copper pairs the expense and hassle of installing low capacitance or fibre cable is no longer required.

Industrial Automation



Harsh Environment

ENVIRONET
ALSO AVAILABLE
 ENVIRONMENTALLY
 HARDENED
MAX +122°F/+50°C
MIN +32°F/0°C
 ENVIRONMENTALLY
 CONTROLLED
MAX +185°F/+85°C
MIN +32°F/0°C
 EXTENDED
 TEMPERATURE
MAX +185°F/+85°C
MIN -40°F/-40°C



CopperLink™

For more information about **CopperLink™** products or to discuss a specific application please contact Saratota Ltd