

## Industrial 100BASE-TX Ethernet Connector Modules

Pulse has a full line of 1x1, 1x2, and 1x4 Tab Up and Tab Down 100BASE-TX Ethernet connector modules for use in Industrial applications. Pulse parts meet the IEEE802.3u standard and support all major PHY manufactures. This designer kit provides engineers a wide selection of parts to select from for their new designs.

The Industrial communications landscape is changing. More and more automation and control solutions using sensors, drives, displays, invertors, and interfaces are linked together using Ethernet based, time sensitive protocols like:

**Profi-Bus™ - Profi-Net™ - PowerLink**  
**EtherCAT - Ethernet/IP - Modbus/TCP**

Pulse's "**JXD**" range of compact ICM's are designed to provide isolation and noise reduction in a single solution, operating with all of these industrial protocols.

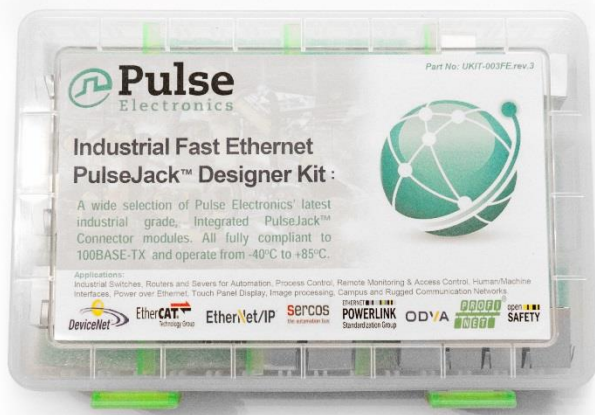
### Features and Benefits:

- Designed to meet IEEE802.3u (100BASE-TX) standards
- -40°C to +85°C operating temperature
- Suitable for CAT 3, CAT 5 UTP or higher
- PoE and PoE+ options available
- UL File Listing E216177
- Compact form factor optimizing board space
- Supports all major PHY manufactures

### Applications:

Industrial Automation, Process or Remote Control and Monitoring, Campus, Factory or Rugged Communication Networks, Power over Ethernet, Touch Screen Display & Panels, Security & Image processing, Access Control.





## Industrial 100BASE-TX Ethernet Connector Modules – Designer Kit# UKIT-003FE

| PART #      | TAB Location | # of Ports | EMI TABS | BST | LED Left/Right | PoE | Contact AU Plating | QTY per Kit |
|-------------|--------------|------------|----------|-----|----------------|-----|--------------------|-------------|
| JXD0-0006NL | DOWN         | 1x1        | YES      | YES | Green/Yellow   | NO  | 6uinch             | 2           |
| JXD0-0008NL | DOWN         | 1x1        | YES      | YES | Green/Yellow   | NO  | 30uinch            | 2           |
| JXD0-0010NL | DOWN         | 1x1        | YES      | YES | Green/Yellow   | PoE | 15uinch            | 2           |
| JXD1-0007NL | UP           | 1x1        | YES      | NO  | Yellow/Green   | PoE | 30uinch            | 2           |
| JXD1-0008NL | UP           | 1x1        | YES      | YES | Yellow/Green   | No  | 6uinch             | 2           |
| JXD1-0014NL | UP           | 1x1        | YES      | NO  | Yellow/Green   | NO  | 6uinch             | 2           |
| JXD1-1001NL | UP           | 1x1        | YES      | YES | Yellow/Green   | NO  | 6uinch             | 2           |
| JXD2-0010NL | TOP ENTRY    | 1x1        | NO       | YES | Green/Yellow   | NO  | 30uinch            | 2           |
| JXD6-0001NL | UP           | 1x1        | NO       | YES | Green/Yellow   | NO  | 6uinch             | 2           |
| JXD6-1100NL | DOWN         | 1x1        | NO       | YES | NONE           | NO  | 15uinch            | 2           |
| JXD0-2005NL | DOWN         | 1x2        | YES      | YES | Green/Yellow   | NO  | 15uinch            | 1           |
| JXD0-4005NL | DOWN         | 1x4        | YES      | YES | Green/Yellow   | NO  | 15uinch            | 1           |

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