



# KT-10T, KT-10F



## 10Base-T/-FL Ethernet Transceivers

KT-10F supports full/half duplex transmission via its duplex type selector.



### Product Highlights:

#### KT-10T

10Base-T Ethernet Transceiver

#### KT-10F

10Base-FL Ethernet Transceiver  
(Complies with EMI Class B)

The KTI Ethernet transceiver family is a IEEE 802.3 compliant Ethernet transceiver series that provides a complete interface of the AUI port to a thin Ethernet cable, a UTP cable and a Fiber Optic cable connections.

A complete set of LEDs indicates the diagnostic status between your Ethernet devices and cabling systems. The compact design makes it flexible to use in a variety of networking devices. KT-10F supports full/half duplex mode that can be operated between switches, routers, and servers in full-duplex transmission.

#### Key Features:

- Comply with IEEE 802.3 standard
- Support network traffic at a rate of 10Mbit/sec
- Support Ethernet configuration using CSMA/CD access method based on IEEE 802.3 standard
- Compact design

### Specifications:

| Model            | KT-10T   | KT-10F  |
|------------------|--|---|
| Standard         | IEEE 802.3 10Base-T,<br>IEEE 802.3 10Base5                                       | IEEE 802.3 10Base-FL,<br>IEEE 802.3 10Base5         |
| Connector        | Shielded RJ-45,<br>AUI DB-15 male connector                                      | Multimode ST connector,<br>AUI DB-15 male connector |
| LEDs             | Power, transmit, receive,<br>collision, polarity reverse, and link               | Transmit, receive, link<br>and collision            |
| Special Features | Selectable link test,<br>selectable SQE test                                     | Full/Half duplex switch,<br>selectable SQE test     |
| Duplex type      | Half   | Full/Half selectable                                |
| Environment      | Operation Temperature: 0°C ~ 40°C<br>Relative Humidity: 10% ~ 90% non-condensing |   |
| Dimensions       | 42 x 65 x 20 mm  |   |
| Power            | +12VDC, 250mA max.   |   |



**Katron Technologies Inc.**

Australia Distributor  
ENDY AUSTRALIA  
sales@endy.com.au  
1300 725 323