



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



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