

# KT-10B, KT-10F, KT-10T



## 10Base2/-T/-FL Ethernet Transceivers

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



### Product Highlights:

- KT-10B**  
10Base2 Ethernet Transceiver
- KT-10T**  
10Base-T Ethernet Transceiver
- KT-10F**  
10Base-FL Ethernet Transceiver  
(Complies with EMI Class B)



FCC Part 15, Class A  
CISPR 22 Class A

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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-10B	KT-10T	KT-10F
Standard	IEEE 802.3 10Base2, IEEE 802.3 10Base5	IEEE 802.3 10Base-T, IEEE 802.3 10Base5	IEEE 802.3 10Base-FL, IEEE 802.3 10Base5
Connector	BNC female connector, AUI DB-15 male connector	Shielded RJ-45, AUI DB-15 male connector	Multimode ST connector, AUI DB-15 male connector
LEDs	Power	Power, transmit, receive, collision, polarity reverse	Transmit, receive, link and collision and link
Special Features	Selectable terminator, selectable SQE test	Selectable link test, selectable SQE test	Full/Half duplex switch, selectable SQE test
Duplex type	Half	Half	Full/Half selectable
Environment	Operation Temperature: Relative Humidity:	0°C ~ 40°C 10% ~ 90% non-condensing	
Dimensions	42 x 65 x 20 mm		
Power	+12VDC, 250mA max.		