



Ethernet 10Mbps Transceiver

Key Features

- IEEE802.3 compliant
10 Base2, 10BaseT
10 BaseFL/FOIRL
- Wide optic input
dynamic range
(ETC-01100AF)
- Switch-selectable
SQE-Test (heartbeat)
- AUI connection
according to Attachment
Unit Interface standard
- Polarity detection
and Auto-correction
(ETC-0102TA)
- LINK-Status LED

ETC-0100AF
ETC-0102TA
ETC-0103BA
10Mbps Ethernet
Transceiver

Let the
net
work

Ethernet 10Mbps Transceiver



The LevelOne Media Transceiver Series are 10Mbps compliant devices developed to provide optimal connectivity in mixed media environments.

The connectivity range covers BNC/Coax, Twisted Pair Cat.5 up to Fiber-Optic 10BaseFL down-compatible to 10Base FOIRL (Fiber Optic Inter Repeater Link).

Supported wire length is 185 m Coax, 100 m TP and up to 2 km Fiber-Optic cable according to IEEE802.3

Switchable SQE/Heartbeat testpulses are standard on all LevelOne Transceivers and give easy test opportunities for maintenance and service.

The Link control LED provided on LevelOne Transceivers indicates the proper static link status monitored independently from networking signals and traffic.

The mandatory use of SMT-components followed by an excessive burn-in test and artificial aging of the device delivers an optimal HiRel product with zero-failure characteristic - the optimal choice for connectivity.

Product Specifications

General	
Host Interface	• AUI-Connector 15pin SUB-D with slide lock
Dimensions	• 6 x 4 x 2 cm appx.
Weight	• 70 gramms
Operating Temperature	• 0 - 50°C
Storage Temperature	• -20 to 60°C
Humidity	• 5 to 80 % non-condensing
Certificates	• CE, FCC
Copper based Transceivers	
TP-Interface	• RJ45 shielded Jack
COAX-Interface	• BNC-Jack
Fiber Optic Data (ETC-01100AF only)	
Wavelength	• 850nm +/- 20nm
Sensitivity	• -32dBm
Fiber	• 50 or 62,5µm multimode

Ordering Information

ETC-0102TA	• 10Mbps Ethernet Transceiver, AUI/STP
ETC-0103BA	• 10Mbps Ethernet Transceiver, AUI/BNC
ETC-01100AF	• 10Mbps Ethernet Transceiver, AUI/Fiber Optic ST