

TE1021

100/1000Base-T1 Media Converter



Scan the code to follow



Classic Application:

- Automotive ethernet Communication Development
- Automotive ethernet Communication Testing

Feature Overview

TE1021 is a media converter that converts one channel of Automotive ethernet to regular ethernet interface(100/1000Base-T1 to 100Base-Tx/1000Base-T). Users can convert either 100Base-T1 to 100Base-Tx or 1000Base-T1 to 1000Base-T.

TE1021 is compact, sturdy, and easy to carry due to its small size.

Shipping list

- TE1021 device
- TE MATenet or Rosenberger H-MTD cable (non-standard, must be ordered separately)

Ordering information

Product Name	Model Number	Interface Type	Function Description
Network Device	TE1021-M	MATenet	Single Channel Gigabit/Megabit (Manual Switch) Regular ethernet/Automotive ethernet Interface Device
	TE1021-R	Rosenberger H-MTD	

Characteristics

- 2 types of Automotive ethernet interfaces available for selection: TE MATenet or Rosenberger H-MTD
- LED display for Automotive ethernet operational status
- LED display for system operational status
- Supports traditional Ethernet RJ45 interfaces with indicator lights
- Master-slave configuration via 2-position DIP switch
- Switch between gigabit and megabit using a 2-position DIP switch
- Operating Voltage: DC: 9-36V (Phoenix terminal powered)
- Message forwarding delay time (for reference only):
100M: 2.3us
1000M: 5.3us
- Operating temperature range: -45°C to 85°C
- Product Dimensions: Aluminum alloy shell, size 110X70X36 mm