

# D-TECH Fiber Media converter SFP Single-Mode

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## Variants

10G 1 SFP -1RJ 1G 1 SFP -1RJ

## Details

### Overview:

10G media converter is an Ethernet converter between Ethernet electrical signal and optical signal. It converts between short distance twisted pair signal of 10GBase-TX and 10GBase-FX optical signal. Customer can choose different SFP modules to achieve the smooth conversion and connection. It has 1 10G fiber port and 1 RJ45 port. Except extending the transmission distance, there are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.

### Features:

Adopts Marvell chip, which ensures non-blocking data transmission, security and stability

Supports 10Gbase-T to 10Gbase-SR/LR/ER/ZR on the Ethernet port

Support 3R (Balanced amplification, clock extraction, integral regeneration) function on the fiber port to ensure small data jitter.

Small latency on the data transmission.

Support various wavelengths including 850nm, 1310nm, 1550nm and CWDM/DWDM under ITUT rule.

Supports Jumbo Frame.

### Specification:

Standards	IEEE802.3 10Base-T	IEEE802.3x Flow control
	IEEE802.3u 100Base-TX/FX	IEEE802.1q VLAN
	IEEE802.3ab 1000Base-T	IEEE802.1p QoS
	IEEE802.3z 10GBase-SX/LX	IEEE802.1d Spanning Tree

Certifications	CCC, CE, FCC, RoHS
Ethernet Port	Connector: RJ45 Data Rate: 10G Distance: 100m UTP Type: UTP-5E or higher level
Fiber Port	Connector: SFP slot Data Rate: 10Gbps Optical Wavelength: 850nm/1310nm/1490nm/1550nm Optical Fiber Type: Single mode 9/125?m; Multi mode 50/125?m?62.5/125?m Distance: 550m?100km
Performance	Processing Type: Store and Forward Transmission Mode: Full/half-duplex auto-adaptive MAC Table Size: 2K Buffer Space: 1Mbit Time Delay: ?20?s
Power	Power type: external power supply Input Voltage: AC100V?240V 50/60Hz Connector: DC Socket Working Voltage: 5V4A&12V Power Consumption: 0.75W?3W
Environment	Storage Temperature: -40?70? Operating Temperature: -10?55? Relative Humidity: 5-90% ( no condensation)
Warranty	1 year
Physical Characteristics	Dimension: 117×85×21mm Weight: 0.1kg Color: Metal, Black