

# D-TECH Fiber Media converter Single-Mode 10/100Mbps

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## Variants

1\*RJ to SC Simplex 20km DC 1\*RJ to SC Simplex 40km DC

## Details

### Media Converter 10/100 20 KM:

Introducing D-Tech Trading, your trusted provider of cutting-edge networking solutions. At D-Tech Trading, we offer a range of high-quality products, including our flagship media converter, the 10/100 20 KM.

What sets our media converter apart is its impressive "20 KM" specification, indicating its capability to transmit data over fiber optic connections for distances of up to 20 kilometers. This extended reach ensures reliable data transmission, overcoming distance limitations that are crucial in fiber optic networks.

## Specification

### > Telephone Port

Encoding and decoding method: PCM/24bit encoder

Signal control: support any signal in band transparently

Communication terminal interface: ordinary telephone, SPC exchange, public telephone line

Connection: point to point, tel to tel hot-line, tel and SPC exchange connection

Connector: RJ11

### > **Ethernet Port**

Connector: RJ45

Support mode : Half duplex or Full duplex

Standards: IEEE802.3

Data rate: 10M /100M /1000Mbps

Bandwidth: 25M

### > **Fiber Port**

Connector: FC

Fiber type: multimode 62.5/125, 50/125, single mode 9/125

Distance: 0~80KM

Wavelength: 1310/1550nm

## **> Operating Environment**

Working Temperature: -20~+70?

Storage Temperature: -10~+85?

Working Humidity: 0~95% no condensing

## **> Electrical Specification**

Power input: AC 100~240V, AC/DC 12~48V (optional)

Power output: DC5V2A

Ripple wave: ? 20mw

Noise: ? 50mw

Power protection: over voltage and over current protection

Power consumption: ? 5W

## **Key Features of a Media Converter:**

1. **Dual-Speed Compatibility:** The Media Converter 10/100 20 KM supports both 10 Mbps and 100 Mbps Ethernet speeds, ensuring flexibility and interoperability with various network devices.
2. **Long Reach:** With the ability to extend network connectivity up to 20 kilometers, the Media Converter 10/100 20 KM overcomes distance limitations, enabling communication across expansive areas.
3. **Fiber Optic Connectivity:** Utilizing fiber optic technology, the Media Converter 10/100 20 KM ensures reliable data transmission, offering immunity to electromagnetic interference and ensuring data integrity over extended distances.
4. **Compact Design:** The Media Converter 10/100 20 KM features a space-saving and easy-to-deploy compact form factor, allowing for convenient installation in diverse network environments.
5. **Plug-and-Play Installation:** Enjoy a simple setup process with no configuration required for the Media Converter 10/100 20 KM, allowing for hassle-free integration into existing network infrastructure.
6. **LED Indicators:** The Media Converter 10/100 20 KM provides at-a-glance status monitoring with LED indicators for power, link/activity, and speed, facilitating quick diagnostics and troubleshooting.
7. **Versatile Mounting Options:** With support for various mounting options, including wall-mounting or rack-mounting, the Media Converter 10/100 20 KM offers flexibility in installation and deployment.
8. **Cost-Effective Solution:** The Media Converter 10/100 20 KM offers a cost-effective means to extend network connectivity over long distances without the need for expensive infrastructure upgrades.

## Order Information

Model	Specification
YV-1PF-T/R	1ch Phone,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-2PF-T/R	2ch Phone,Single fiber, 1310/1550nm, Single mode, FC, 20km

YV-4PF-T/R	4ch Phone,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-8PF-T/R	8ch Phone,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-16PF-T/R	16ch Phone,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-32PF-T/R	32ch Phone,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-1P1FEF-T/R	1ch Phone and 1ch 10/100M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-2P1FEF-T/R	2ch Phone and 1ch 10/100M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-4P1FEF-T/R	4ch Phone and 1ch 10/100M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-8P1FEF-T/R	8ch Phone and 1ch 10/100M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-16P1FEF-T/R	16ch Phone and 1ch 10/100M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-32P1FEF-T/R	32ch Phone and 1ch 10/100M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-1P1GEF-T/R	1ch Phone and 1ch 10/100/1000M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-2P1GEF-T/R	2ch Phone and 1ch 10/100/1000M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km

YV-4P1GEF-T/R	4ch Phone and 1ch 10/100/1000M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-8P1GEF-T/R	8ch Phone and 1ch 10/100/1000M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-16P1GEF-T/R	16ch Phone and 1ch 10/100/1000M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km
YV-32P1GEF-T/R	32ch Phone and 1ch 10/100/1000M Ethernet,Single fiber, 1310/1550nm, Single mode, FC, 20km

Trust D-Tech Trading for reliable networking solutions that deliver superior performance and value. Experience seamless connectivity and unparalleled reliability with our 10/100 20 KM media converter. Contact us today to learn more about how our products can elevate your network infrastructure.