

# **D-TECH Fiber Media converter Single-Mode 10/100/1000Mbps**

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## **Variants**

1\*RJ to SC Simplex 20km DC 4\*RJ to SC Simplex 20km DC 1\*RJ to SC Duplex 20km DC 1\*RJ to SC Simplex 40km DC

## **Details**

### **Media Converter Overview:**

The DK-MC1035 series media converter, Single Fiber 10/100/1000 20 KM, adopts a store and forward, no fan, low power consumption design with the advantages of convenient use, small size, and simple maintenance. Product design-20°C ~ +70°C wide range of operating temperature, stable and reliable performance, can be widely used in a variety of broadband data transmission fields.

Experience enhanced network management capabilities with features like broadcast filtering, address auto-learning, automatic updates, and store-and-forward operation, ensuring seamless data transmission with minimal latency.

With a 512KB cache and a MAC address table of 4KB, our converter delivers lightning-fast data processing while supporting a wide range of Ethernet standards, including 10Base-Tx to 10Base-Fx, 100Base-Tx to 100Base-Fx, and 1000Base-Tx to 1000Base-Fx fiber media conversion.

Compliant with IEEE standards such as 802.3, 802.3U, 802.1X, 802.3Z/AB, and 802.1d, our converter ensures compatibility and interoperability across diverse network environments.

### **Product parameter for Media Converter Single Fiber 10/100/1000 20 KM:**

Parameter	Details
Provider Mode	Ports
Fixed Port	1 * 1000Base-X, 1 * 10/100/1000Base-T
Power Interface	DC Port

Parameter	Details
LED Indicators	PWR, Link/ACT LED
Cable Type & Transmission Distance	Twisted-pair: 0-100m (CAT5e, CAT6)
	Monomode Optical Fiber: 3KM/20KM/40KM/60KM/80KM/100KM/120KM
Electrical Specifications	
Input Voltage	DC 5V
Total Power Consumption	Total Power: 4W
Environment	
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-20°C ~ +70°C
Relative Humidity	5% ~ 95% non-condensing
Thermal Methods	Fanless design, natural heat dissipation
MTBF	100,000 hours
Mechanical Dimensions	
Product Size	93 x 71 x 27mm
Installation Method	Desktop
Weight	0.17KG * 2
Certification	
Certification	CE/FCC/RoHS
Accessories	
Accessories	Device, manual, power adapter (EU/US/UK/AU plug optional)