



Product Name	Part No
ETHERNET MEDIA CONVERTER 100MBPS OVER SM DUAL FIBER UPTO 20KM	JTSMC1SDFSCUEU20

**Description**

Ethernet to Dual fiber converter can convert and transmit Ethernet networks into fiber optic networks on dual fiber, it is used in Ethernet as copper to fiber conversion equipment. Each Media Converter provides a 10/100BaseT/TX auto-negotiating RJ-45 twisted-pair connector port with Auto-MDIX capability for more convenient connection. Built-in 10/100 switch enables the fiber able connection to operate at 100 Mbps connected to either a 10BaseT or 100BaseTX network, while remaining completely 100BaseFX standard-compliant

Key Features	Application
<ul style="list-style-type: none"> <li>Complied with IEEE802.3 10Base-T, IEEE802.3u 100Base-T and 100Base-FX</li> <li>Auto-adaptation</li> <li>Support Full/half-duplex mode at twisted pair port</li> <li>Support Auto MDI/MDIX without need of cable selection</li> <li>Up to 6 LEDs for status indication</li> <li>External and built-in DC power supplies</li> <li>128 kb data integrated storage</li> </ul>	<ul style="list-style-type: none"> <li>Data com Network</li> <li>ISP network</li> <li>CCTV</li> <li>Data center</li> <li>Telecom</li> <li>LAN/WAN/MAN</li> </ul>

<b>Complies with:</b>	IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX standards
<b>Connector:</b>	UTP: RJ-45 connector, Optical: SC connector (Dual Fiber)
<b>Transmission Type:</b>	10/100M FDX/HDX
<b>Data Buffer:</b>	512 Kbit
<b>Mode:</b>	Dual Fiber (Unmanaged)
<b>Wavelength (Typical):</b>	Single mode: 1310/1550nm up to 20Km
<b>Operation mode:</b>	Full duplex mode or half duplex mode
<b>Temperature:</b>	(-)30 - 60°C (Operating); -45 - 75°C (Storage)
<b>Humidity:</b>	5% to 80% non-condensing (Operating)
<b>Power Supply:</b>	External 1A,+5VDC
<b>Dimensions:</b>	95mm x70mm x 26mm (LxWxH); 0.3 kg
<b>Power Consumption:</b>	2.5W
<b>Includes</b>	Power Supply
<b>Compliance:</b>	RoHS & REACH

