# 10/100 BASE-TX/FX 20Km SC SINGLE-MODE MEDIA CONVERTER

## PART NUMBER:

## 265-2040

| ☐ APPROVALS: | ☐ DATE: |
|---|---|
| MARKETING | |
| TECHNICAL | |
| SALES | |
| FINAL | |

verticalcable

**GENERAL INFORMATION ABOUT THIS PRODUCT:**

MANUFACTURER:

REFERENCE: 265-2040

DESCRIPTION:
SC to RJ45, 10/100 Base-TX/FX Singlemode Media Converter, 20km Network Distance

ACCESSORIES INCLUDED WITH THIS PRODUCT:
1 Power Adapter
1 User's Manual

FEATURES AND BENEFITS:
 • Compliant with IEEE802.3 10Base-T, and IEEE802.3u 100Base-TX/FX standards
 • Support auto-negotiation function in TP port to detect speed (10/100M) and
   Duplex Mode (full/half) automatically
 • MDI/MDI-X Auto Negotiation
 • WDM Technology Combines Dual Fiber Cables into Single Fiber
   Greatly save the Installation cost of Expensive Fiber Cable
 • Auto Uplink: User can connect to PC or switch/hub by using either straight-through or
   cross-over cable. It will automatically detect the type of cable and link the connection
 • Link Fault Pass-Through: When the cable in one end is out (disconnected/damaged/at fault)
   it will inform the other end by turning OFF the remote end's link LED's.
 • Extend fiber-optic distance up to 100km with single-mode fiber
 • LED Indicator: FX-100, FX-Link/Act, TX-100, TX-Link/Act, FDX, PWR
 • Mountable in the converter chassis



| PG. 2 | ☐ P/N: 265-2040 | | ☐ PRODUCT: 10/100 Base-TX/FX Media Converter |
|---|---|---|---|
| | ☐ AUTHOR: | | |
| | ☐ DATE:  10/11 | ☐ REV: 01 | |

## TECHNICAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER:

REFERENCE: 265-2040

DESCRIPTION:
SC to RJ45, 10/100 Base-TX/FX Singlemode Media Converter, 20km Network Distance

**TECHNICAL SPECS:**

| | |
|---|---|
| Standard Conformance | IEEE802.3 10Base-TX, IEEE802.3U 100Base-TX/FX |
| TP Port | RJ-45 x 1 (10/100Mbps) |
| 100Base-FX Port | SC x 1 |
| TP Connections | 10Base-T:UTP Category 3,5 |
| | 100Base-TX:UTP Category 5 |
| Fiber Connections | 9 or 10/125μm Single-Mode Fiber |
| Led Indicators | PWR.FX100.TX100.FDX,FXLink/Act,TXLink/Act |
| Mac Table | 1K Entries |
| Max Distance | 20Km |
| Filtering/Forward Rate | 10Mbps:14,880pps/14,880pps |
| | 100Mbps:148,800pps/148,800pps |
| Wavelenght | 1310nm |
| Min TX PWR | -18.0dBm |
| Max TX PWR | -7.0dBm |
| Sensitivity | -28.0dBm |
| Link Budget | 10.0dB |
| Operating Temperature | 0°C to 70°C |
| Storage Temperature | -40°C to 85°C |
| Humidity | 10% to 90% Non-Condensing |
| Chasis Mountable | Yes |
| External Power Adapter | Included |
|    AC Input Power | 110v~60hz 140mA |
|    DC Output Power | 5v1A |
| Dimension | 70 x 94 x 27mm (WxDxH) |
| FCC | Class A, CE |

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