


# 10/100 BASE-TX/FX 60Km SC SINGLE-MODE MEDIA CONVERTER

PART NUMBER:

## 265-2343

<b>PG. 1</b>	<input type="checkbox"/> APPROVALS:	<input type="checkbox"/> DATE:	THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO VERTICAL CABLE AND MAY NOT BE DISCLOSED OR TRANSMITTED TO ANY OTHER PARTIES WITHOUT THE EXPRESS WRITTEN PERMISSION OF VERTICAL CABLE. THIS INFORMATION IS PROVIDED FOR THE PURPOSES OF QUOTATION ONLY.
	MARKETING		
	TECHNICAL		
	SALES		
	FINAL		
			

**GENERAL INFORMATION ABOUT THIS PRODUCT:**

MANUFACTURER:

REFERENCE: 265-2343

DESCRIPTION:

SC to RJ45, 10/100 Base-TX/FX Singlemode Media Converter, 60km 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



<b>PG. 2</b>	<input type="checkbox"/> P/N: 265-2343	<input type="checkbox"/> PRODUCT: 10/100 Base-TX/FX Media Converter
	<input type="checkbox"/> AUTHOR:	
	<input type="checkbox"/> DATE: 10/11 <input type="checkbox"/> REV: 01	

**TECHNICAL INFORMATION ABOUT THIS PRODUCT:**

MANUFACTURER:


REFERENCE: 265-2343

DESCRIPTION:

SC to RJ45, 10/100 Base-TX/FX Singlemode Media Converter, 60km 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	60Km
Filtering/Forward Rate	10Mbps:14,880pps/14,880pps 100Mbps:148,800pps/148,800pps
Wavelength	1310nm
Min TX PWR	-4.0dBm
Max TX PWR	-2.0dBm
Sensitivity	-36.0dBm
Link Budget	32.0dB
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

<b>PG. 3</b>	<input type="checkbox"/> P/N: 265-2343	<input type="checkbox"/> PRODUCT: 10/100 Base-TX/FX Media Converter
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