



# Active Equipment

The Best Way Networking Makes Everything Better

## 10/100 Mbps MEDIA CONVERTOR



อุปกรณ์แปลงสัญญาณ จากสายใยแก้วนำแสง ไปเป็นสาย LAN RJ45 ึ่งด้วยความเร็ว 10/100 Mbps มีทั้งที่ใช้กับสายที่เป็น โหมดคู่ร่วม (Multi-mode) และ โหมดเดี่ยว (Single-mode)



B1-3305



B1-3306

The Media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x Standards. It is designed to convert data signal between 10/100Base-TX and 100Base-FX Ethernet. The data signal converted by such high performance media converter can be transmitted up to 120 Km. maximum by fiber-optical cable. The converter is equipped with two fiber optic connectors (One for transmitting-TX and another for receiving-RX)

Part #	Description	List Price
B1-3301	10/100Base-TX to 100Base-FX SC Port for SM 20Km, 1310nm	2,948
B1-3302	10/100Base-TX to 100Base-FX SC Port for SM 40Km, 1310nm	5,076
B1-3303	10/100Base-TX to 100Base-FX SC Port for SM 60Km, 1310nm	Call
B1-3304	10/100Base-TX to 100Base-FX SC Port for SM 120Km, 1550nm	Call
B1-3309	10/100Base-TX to 100Base-FX FC Port for SM 40Km,1310nm	4,672
B1-3305	10/100Base-TX to 100Base-FX SC Port for MM 2Km, 850/1310nm	2,200
B1-3306	10/100Base-TX to 100Base-FX ST Port for MM 2Km, 850/1310nm	2,200
B1-3980MS-SC	100Base-FX MM to 100Base-FX SM SC-SC Port-RJ45 Port	6,668
B1-3310	10/100/100Base-TX to 1000Base-FX SC Port WDM 20Km, Single Fiber	5,100/Pair
B1-3311	10/100/100Base-TX to 1000Base-FX SC Port WDM 40Km, Single Fiber	call

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## 10/100/1000 Mbps MEDIA CONVERTOR



B1-3630  
B1-3631

B1-3630-SFP



BSFP-MM8550  
BSFP-SM1310K

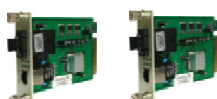
The Media Converter complies with IEEE802.3z, IEEE802.3AB Standards. It is designed to convert data signal between 10/100/1000Base-TX and 1000Base-SX/LX Fast Ethernet. It support 10/100/1000Base-TX and 1000Base-SX/LX applications, The data signal converted by such high performance media converter can be transmitted up to 120Km maximum by fiber-optical cable.

Part #	Description	List Price
B1-3630	10/100/1000Base-TX to 1000Base-FX MM 550m. 1310nm, SC Port	5,800
B1-3631	10/100/1000Base-TX to 1000Base-FX SM 550m. 1310nm, SC Port	6,472
B1-MMTSM-G	1000Base-SX MM SC Port to 1000Base-LX SM SC Port	42,812
B1-3630-SFP	10/100/1000Mbps-TX to 1000Base-FX SX/LX, Slot SFP-Mini-GBIC	3,936
BSFP-MM8550	Mini-GBIC SFP 1000Base-SX MM 850nm LC Port 550m.	1,736
BSFP-SM1310K	Mini-GBIC SFP 1000Base-LX SM 1310nm LC Port 10Km.	2,936

## 19" MEDIA CONVERTOR CHASSIS WITH 14,16 SLOT

อุปกรณ์แปลงสัญญาณของสายใยแก้วนำแสง

B1-16N



B1-14N

The 2U Rack Mode Ethernet Fiber Converter with special module can be plug in or out with electrified cable. It use the standard 19" (2U) structure. It contains 16 pieces 100Mbps modules. The way of 2 power supply can increase stability and reliability of system fits for various request of wiring net by using high stable power.

Part #	Description	List Price
B1-3305C	10/100Base-TX to 100Base-FX MM 2Km. SC Port Module Card	2,200
B1-3301C	10/100Base-TX to 100Base-FX SM 20Km. ST Port Module Card	2,400
B1-3680C	10/100/1000Base-TX to 1000Base-FX MM 500m. SC Port Module Card	6,540
B1-3681C	10/100/1000Base-TX to 1000Base-FX SM 10Km. SC Port Module Card	8,200
B1-16N	19" 2U 16 Slot support extra power double power supply 220V. or 48V DC	12,668
B1-14N	19" 2U 14 Slot support extra power double power supply 220V. or 48V DC	10,800



## MINI GBIC/GIGABIT ETHERNET



SFP Mini-GBIC

รุ่นนี้ใช้สายใยแก้วเพียง Core เดียว

### SFP (Small Form Pluggable) Transceiver

Industry standard small form pluggable (SFP) package, Duplex LC connector, Differential LVPECL inputs and outputs, Single power supply 3.3V. TTL signal detect indicator, Hot Pluggable, Class 1 laser product complies with EN 60825-1, Application : Distributed multi-processing, Switch to switch interface, High speed I/O for file server, Bus extension application, Channel extender, data storage. Compliant with IEEE802.3z Gigabit Ethernet.



ตัวอย่าง : Converter SFP Slot & Switch จะมีช่องใส่ SFP Mini-GBIC ได้ตั้งแต่ระยะทางที่ 550 ม. - 120 กิโลเมตร

Part #	Description	List Price
<b>BSFP-MM8550</b>	Mini-GBIC SFP 1000Base-SX MM 850nm LC Port 550m.	1,736
<b>BSFP-MM132K</b>	Mini-GBIC SFP 1000Base-SX MM 1310nm LC Port 2Km.	Call
<b>BSFP-SM1310K</b>	Mini-GBIC SFP 1000Base-LX SM 1310nm LC Port 10Km.	2,936
<b>BSFP-SM1530K</b>	Mini-GBIC SFP 1000Base-LX SM 1550nm LC Port 30Km.	Call
<b>BSFP-MM8510G</b>	Mini-GBIC SFP 10GBase-SR MM 850nm LC Port 150m.	call
<b>BSFP-SM1310G</b>	Mini-GBIC SFP 10GBase-LR MM 1310nm LC Port 10Km.	call

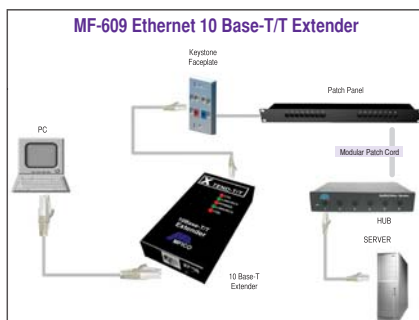
Note : สินค้า SFP Mini-GBIC มีหลายชนิดทั้ง Multi-mode และ Single-mode และ สามารถใช้ร่วมกับ Switch หลายยี่ห้อ สามารถสอบถามเพิ่มเติมได้ที่ฝ่ายขาย

## DATA/ETHERNET CONVERTOR

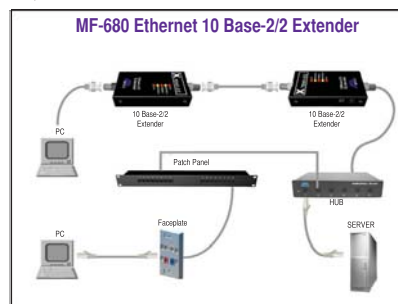
อุปกรณ์แปลงสัญญาณการส่งข้อมูล ชนิดต่างๆ



MF-609



MF-680

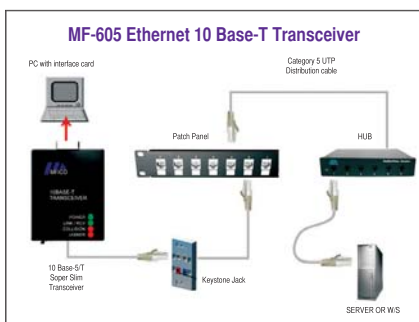


Part #	Description	List Price
<b>MF-609</b>	Ethernet 10Base-T/T Extender	5,040

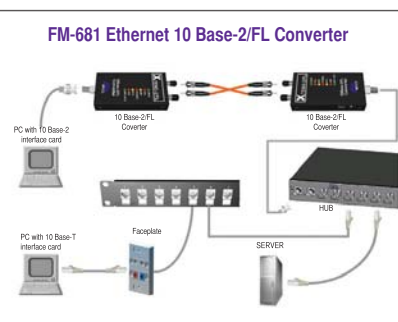
Part #	Description	List Price
<b>MF-680</b>	Ethernet 10Base-2/2 Extender	5,096



MF-605



MF-681

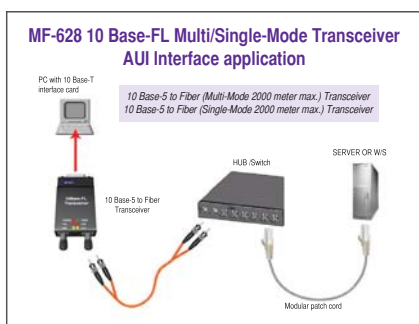


Part #	Description	List Price
<b>MF-605</b>	Ethernet 10Base-T Transceiver (DB15 to RJ45)	3,376

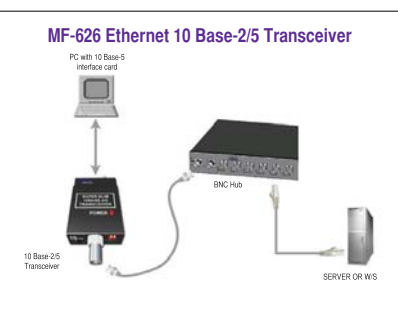
Part #	Description	List Price
<b>MF-681</b>	Ethernet 10Base-2/FL Multi-Mode Converter	8,116
<b>MF-681S</b>	Ethernet 10Base-2/FL Single-Mode Converter	19,600



MF-628



MF-626




Part #	Description	List Price
<b>MF-628</b>	Super Slim 10Base-FL Multi-Mode Transceiver	6,472
<b>MF-628S</b>	Super Slim 10Base-FL Single-Mode Transceiver	18,472

Part #	Description	List Price
<b>MF-626</b>	Ethernet Super Slim 10Base-2/5 Transceiver	3,828


**DATA/ETHERNET CONVERTOR**

อุปกรณ์แปลงสัญญาณการส่งข้อมูล ชนิดต่างๆ

**MF-6828 Fast Ethernet 100Base-FX/FX Converter**



MF-6828M




Fiber Optic Cable  
Multi-Mode 2,000 m. Max.  
Single-Mode 20,000 m. Max.


Convertor ที่สามารถต่อขยายระยะทางได้ โดยที่ไม่มีปัญหาในการใช้งาน

Part #	Description	List Price
<b>MF-6828M</b>	Fast Ethernet 100Base-FX/FX Converter SC type Multi-Mode 2 km.	7,872
<b>MF-6828S</b>	Fast Ethernet 100Base-FX/FX Converter SC type Single-Mode 20 km.	8,600

**MF-6929TD Ethernet 10/100-TX/FX Converter Plastic Optic Fiber**



MF-6929TD



Convertor สำหรับใช้กับสายพลาสติกใยไฟเบอร์


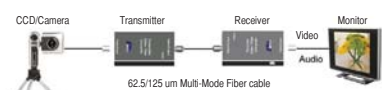
Part #	Description	List Price
<b>MF-6929TD</b>	Ethernet 10/100-TX/FX Converter POF type 50 m.	6,536

**BASEBAND A/V ADAPTER WITH VIDEO/AUDIO FIBER OPTIC INTERFACE**

อุปกรณ์แปลงสัญญาณภาพและเสียง ผ่านสายใยแก้วนำแสง

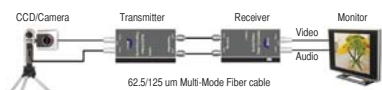
สัญญาณภาพอย่างเดียว

**MF-075 Video Fiber Converter**

62.5/125 um Multi-Mode Fiber cable  
Video Maximum length 2 KM

**MF-075 Video/Audio Fiber Converter**


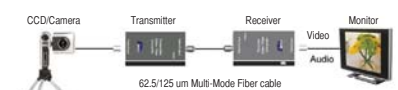


62.5/125 um Multi-Mode Fiber cable  
Video/ Audio Maximum length 2 KM

Part #	Description	List Price
<b>MF-075VFM-TX</b>	Video only Fiber Optic MM Converter Transmitter	4,872
<b>MF-075VFM-RX</b>	Video only Fiber Optic MM Converter Receiver	5,616
<b>MF-075VFS-TX</b>	Video only Fiber Optic SM Converter Transmitter	10,404
<b>MF-075VFS-RX</b>	Video only Fiber Optic SM Converter Receiver	9,340

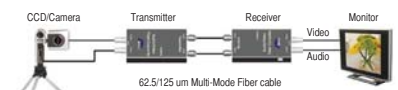
สัญญาณภาพและเสียง

**MF-075 Video Fiber Converter**

62.5/125 um Multi-Mode Fiber cable  
Video Maximum length 2 KM

**MF-075 Video/Audio Fiber Converter**



62.5/125 um Multi-Mode Fiber cable  
Video/ Audio Maximum length 2 KM

Part #	Description	List Price
<b>MF-075FM-TX</b>	Audio/Video Fiber Optic MM Converter Transmitter	5,604
<b>MF-075FM-RX</b>	Audio/Video Fiber Optic MM Converter Receiver	6,536
<b>MF-075FS-TX</b>	Audio/Video Fiber Optic SM Converter Transmitter	22,800
<b>MF-075FS-RX</b>	Audio/Video Fiber Optic SM Converter Receiver	13,072

**BARUN UTP FOR PS/2 & VGA**

อุปกรณ์แปลงสัญญาณสาย UTP

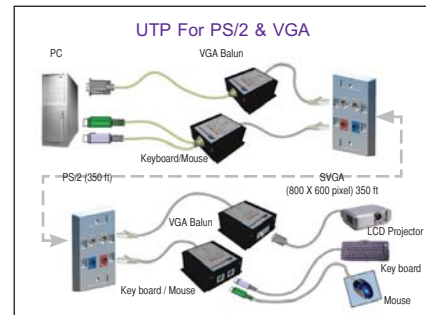


**PS/2 Keyboard & Mouse Balun**

Classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.

**Video Ease VGA Balun**

Boardroom systems, Classroom projector systems, Digital signage



**VIDIO EASE VGA BALUN**

Part #	Description	List Price
<b>MF-VGA-UTP</b>	VGA to UTP Extender (350 ft)	call
<b>MF-VGA-UTP-D</b>	VGA to UTP Extender Dip Female	3,536
<b>MF-VGA-UTP-P</b>	VGA to UTP Extender Pigtail	3,800

**PS/2 KEYBOARD & MOUSE BALUN**

Part #	Description	List Price
<b>MF-PS2-UTP</b>	PS/2 km to UTP Extender (350 ft)	call
<b>MF-PS2-UTP-D</b>	PS/2 km to UTP Extender Dip Female	3,268
<b>MF-PS2-UTP-P</b>	PS/2 km to UTP Extender Pigtail	3,336

## VIDEO & VIDEO + DATA TRANSMISSION

### Features :

- Supports point-to-point connection, Wall hanging type, 1U rack type, 4U card type
- Unpressed and undistorted digital broadcasting transmission
- Free from intermodulation interference from optical transceivers for simulated frequency, phase, and amplitude modulations
- Supports any high-resolution video signals
- Supports video nondestructive regenerated relay
- Auto compatible with PAL, NTSC, SECAM video systems
- Supports video, data, Ethernet, telephone voice parallel transmission
- KM optical transmission technology, large in capacity and easy for upgrade
- Transmission in monomode and multimode fiber, at a distance of 0 – 100KM
- Special ASIC design and high-speed DSP technology
- Advanced auto-negotiation technology, no need for adjustment during use
- Full SMT technology, Industry standard design, with high reliability

### Application :

- Intelligent Transportation System
- Connection of Sub-network for Surveillance Center
- Public Security Surveillance
- High Way & Toll Station Surveillance
- High Quality Video Conference
- Industrial Closed Circuit Television Surveillance
- Coliseum using for TV-live, Audio transmission



Chassis for Video Transmitter

อุปกรณ์แปลงสัญญาณจาก Fiber Optic ไป BNC สัญญาณภาพ



1 Channel



2 Channel



4 Channel



8 Channel



16 Channel



32 Channel

### 1 Channel Video Multiplexer

#### 1 Channel Video Transmission Over 1 Fiber

Part #	Description	List Price
B1-S1V-TF	1 Channel Video Transmitter	4,000
B1-S1V-RF	1 Channel Video Receiver	4,000
B1-S1V1D3-TF	1 Channel Video Forward Reverse Data Transmitter	4,336
B1-S1V1D3-RF	1 Channel Video Forward Reverse Data Receiver	4,336

### 2 Channel Video Multiplexer

#### 2 Channel Video Transmission Over 1 Fiber

Part #	Description	List Price
B1-S2V-TF	2 Channel Video Transmitter	6,468
B1-S2V-RF	2 Channel Video Receiver	6,468
B1-S2V1D3-TF	2 Channel Video Forward Reverse Data Transmitter	6,936
B1-S2V1D3-RF	2 Channel Video Forward Reverse Data Receiver	6,936

### 4 Channel Video Multiplexer

#### 4 Channel Video Transmission Over 1 Fiber

Part #	Description	List Price
B1-S4V-TF	4 Channel Video Transmitter	7,336
B1-S4V-RF	4 Channel Video Receiver	7,336
B1-S4V1D3-TF	4 Channel Video Forward Reverse Data Transmitter	7,868
B1-S4V1D3-RF	4 Channel Video Forward Reverse Data Receiver	7,868

### 8 Channel Video Multiplexer

#### 8 Channel Video Transmission Over 1 Fiber

Part #	Description	List Price
B1-S8V-TF	8 Channel Video Transmitter	12,668
B1-S8V-RF	8 Channel Video Receiver	12,668
B1-S8V1D3-TF	8 Channel Video Forward Reverse Data Transmitter	13,200
B1-S8V1D3-RF	8 Channel Video Forward Reverse Data Receiver	13,200

### 16 Channel Video Multiplexer

#### 16 Channel Video Transmission Over 1 Fiber

Part #	Description	List Price
B1-S16V-TF	16 Channel Video Transmitter	37,333
B1-S16V-RF	16 Channel Video Receiver	37,333
B1-S16V1D3-TF	16 Channel Video Forward Reverse Data Transmitter	39,333
B1-S16V1D3-RF	16 Channel Video Forward Reverse Data Receiver	39,333

### 32 Channel Video Multiplexer

#### 32 Channel Video Transmission Over 1 Fiber

Part #	Description	List Price
B1-S32V-TF	32 Channel Video Transmitter	106,000
B1-S32V-RF	32 Channel Video Receiver	106,000
B1-S32V1D3-TF	32 Channel Video Forward Reverse Data Transmitter	112,667
B1-S32V1D3-RF	32 Channel Video Forward Reverse Data Receiver	112,667

## ACTIVE EQUIPMENT

อุปกรณ์กระจายสัญญาณสายคอมพิวเตอร์



### 3Com® Desktop Switch (Internal Power)

Part #	Description	List Price
3CFSU05	Desktop Switch 5 Port 10/100 Mbps	call
3CFSU08	Desktop Switch 8 Port 10/100 Mbps	call
3CGSU05A	Desktop Gigabit Switch 5 Port 10/100/1000 Mbps	call
3CGSU08A	Desktop Gigabit Switch 8 Port 10/100/1000 Mbps	call



### 3Com® OfficeConnect® Switch

Part #	Description	List Price
3C16790C	Office Connect Switch 5 Port 10/100 Mbps	call
3C16791C	Office Connect Switch 8 Port 10/100 Mbps	call
3C16792C	Office Connect Switch 16 Port 10/100 Mbps	call
3C1670500C	Office Connect Gigabit Switch 5 Port 10/100/1000 Mbps	call
3C1670800C	Office Connect Gigabit Switch 8 Port 10/100/1000 Mbps	call
3C1671600A	Office Connect Gigabit Switch 16 Port 10/100/1000 Mbps	call

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### 3Com® Baseline Switch Family (Rack 19")

Part #	Description	List Price
3C16470B	Baseline Switch 2016 16 Port 10/100 Mbps	call
3C16471B	Baseline Switch 2024 24 Port 10/100 Mbps	call
3CBLUF26	Baseline Switch 2026 24 Port 10/100 Mbps 2 Port Gigabit	call
3CBLSF26H	Baseline Switch 2226 Plus 24 Port 10/100 Mbps SFP Slot	call
3CBLSF26PWRH	Baseline Switch 2426 PWR 24 Port 10/100 Mbps SFP Slot	call
3CBLSF50H	Baseline Switch 2250 Plus 48 Port 10/100 Mbps SFP Slot	call
3CBLUG16A	Baseline Switch 2816 Gigabit 16 Port 10/100/1000 Mbps Unmanaged	call
3CBLUG24A	Baseline Switch 2824 Gigabit 24 Port 10/100/1000 Mbps Unmanaged	call



### 3Com® Baseline Plus Switch (Rack 19" & Web Managed)

Part #	Description	List Price
3CRBSG2093	Switch 2920 10/100/1000 Mbps 16 Port, 4 Port SFP (3CBLSG16)	call
3CRBSG2893	Switch 2928 10/100/1000 Mbps 24 Port, 4 Port SFP (3CBLSG24)	call
3CRBSG28PWR93	Switch 2928 10/100/1000 Mbps 24 Port, 4 Port SFP PWR	call
3CRBSG5293	Switch 2952 10/100/1000 Mbps 48 Port, 4 Port SFP (3CBLSG48-US)	call



### 3Com® Fast Ethernet Managed Switch 4210/4500 Family

Part #	Description	List Price
3CR17331A-91	Switch 4210 10/100 Mbps 9 Port, 1 Port 10/100/1000 or SFP Slot	call
3CR17332-91	Switch 4210 10/100 Mbps 18 Port, 2 Port 10/100/1000 or SFP Slot	call
3CR17333A-91	Switch 4210 10/100 Mbps 26 Port, 2 Port 10/100/1000 or SFP Slot	call
3CR17334-91	Switch 4210 10/100 Mbps 52 Port, 2 Port 10/100/1000 or SFP Slot	call
3CR17561-91	Switch 4500 10/100 Mbps 26 Port, 2 Port 10/100/1000 or SFP Slot	call
3CR17562-91	Switch 4500 10/100 Mbps 50 Port, 2 Port 10/100/1000 or SFP Slot	call



### 3Com® Switch 4200G/4500G Gigabit Managed Family

Part #	Description	List Price
3CR17660-91	Switch 4200G 10/100/1000 Mbps 12 Port, 4 Port SFP Slot 1 Rear Slot 10-GB	call
3CR17661-91	Switch 4200G 10/100/1000 Mbps 24 Port, 4 Port SFP Slot 2 Rear Slot 10-GB	call
3CR17662-91	Switch 4200G 10/100/1000 Mbps 48 Port, 4 Port SFP Slot, 2 Rear Slot 10-GB	call
3CR17761-91	Switch 4500G 10/100/1000 Mbps 24 Port, Layer 3	call
3CR17762-91	Switch 4500G 10/100/1000 Mbps 48 Port, Layer 3	call

