

# Stand-Alone and Rackmount 10/100/1000 Media Converters

## 10/100Base-TX to 100Base-FX Multi-mode Converter

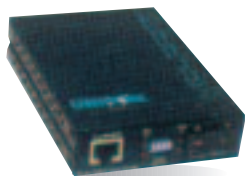


Fully compatible with the Media-Chassis/10 (FEP-593110)

The Velocity Dual Speed Multi-mode Converter converts 10/100Base-TX copper signals to 100Base-FX Multi-mode fiber optic signals, up to 2,000meters. This converter supports dual ST or SC connectors for 100Base-FX Multi-mode connections. All converters include external power supplies.

FEP-5300TF-C	(1) RJ-45, 10/100Base-TX (1) Dual SC, 100Base-FX (MM/2km)	\$125.00
FEP-5300TF-T	(1) RJ-45, 10/100Base-TX (1) Dual ST, 100Base-FX (MM/2km)	\$125.00

## 10/100Base-TX to 100Base-FX Single Mode Converter

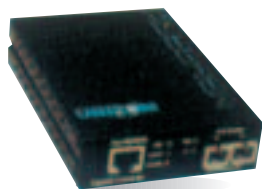


The Velocity DualSpeed Multi-mode Converter converts 10/100Base-TX copper signals to 100Base-FX Single Mode fiber optic signals, up to 60,000 meters (60Km). This converter supports dual SC connectors for 100Base-FX Multi-mode connections. All converters include external power supplies.

FEP-5400TF-C	(1) RJ-45, 10/100Base-TX (1) Dual SC, 100Base-FX (SM/15km)	\$230.00
FEP-5401TF-C	(1) RJ-45, 10/100Base-TX (1) Dual SC, 100Base-FX (SM/30km)	\$275.00
FEP-5402TF-C	(1) RJ-45, 10/100Base-TX (1) Dual SC, 100Base-FX (SM/60km) 5V DC, Palm-sized, chassis brackets included	\$365.00

Fully compatible with the Media-Chassis/10 (FEP-593110)

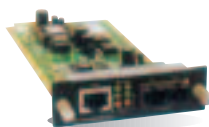
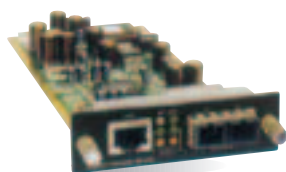
## VELOCITY™ Tri-Speed Gigabit Converters - 10/100/1000Base-T to 1000Base-SX/LX



Unicom's VELOCITY™ series represents the newest, most advanced generation of signal conversion technology. These converters transform your 10/100/1000Base-T copper network to 1000Base-LX/SX fiber optic and expands the fiber link up to 10 km (Single Mode in Full Duplex mode). The 10/100/1000T/1000LX/SX Converters offer the most popular fiber cabling connector: SC format in Multi-mode and Single Mode. The UTP port supports the Auto MDI/MDIX function and there are five LEDs for diagnosis and maintenance. These converters can be used in Unicom's 10 baymedia chassis or as stand-alone components.

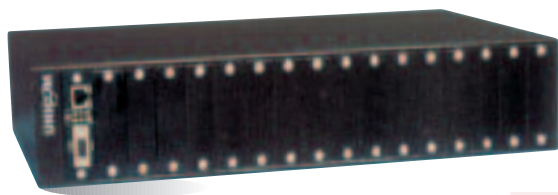
GEP-5300TF-C	(1) RJ-45, 1000Base-T (1) Dual SC, 1000Base-SX (MM/220/500m) 9V DC, Palm-sized, chassis brackets included	\$245.00
GEP-5400TF-C	(1) RJ-45, 1000Base-T (1) Dual SC, 1000Base-LX (SM/10Km) 9V DC, Palm-sized, chassis brackets included	\$545.00

## Dualspeed Gigabit Converter



GEP-68G3TS-C	(1) RJ-45, 100/1000Base-T (1) Dual SC, 1000Base-SX (MM/500m)	<b>Please Call!!</b>
GEP-68G4TL-C	(1) RJ-45, 100/1000Base-T (1) Dual SC, 1000Base-LX (SM/10Km)	<b>Please Call!!</b>

## SMART-CHASSIS/16 Managed Converter Chassis



Unicom's new Smart-Chassis/16 is a fully manageable media chassis accommodating up to 16 Gigabit and Fast Ethernet converter modules in a single unit. The included CPU module provides SNMP management options such as Web-based access, IP address security, and Link Loss Forwarding (LLF). The Smart-Chassis/16 also features redundant power supply capability. All CPU, Gigabit and Fast Ethernet modules are hot-swappable providing minimal system downtime. The 16 bay chassis includes one CPU module, two 19" rack mounting brackets, and one power supply. 110/220V, 19" Rackmount.

GEP-682116	Managed Converter Chassis, 16 Slots, 2U rackspaces, 19", AC Power	<b>Please Call!!</b>
GEP-680-0100	Swappable Power Supply, AC	<b>Please Call!!</b>
FEP-593110	Media Chassis 10	<b>Please Call!!</b>

HST, PST AND GST NOT INCLUDED IN PRICES SHOWN



Phone: (905) 677-6500  
 Fax: (905) 677-6505  
 E-Mail: sales@altecon.com

## Industrial Ethernet Switches

For real-time deterministic performance

- Real-time 10BaseT/100BaseTx auto-detecting operation
- Optional fiber optic ports
- Industrial rated for -40 to +85°C
- UL 508, CSA, and CE rated
- DC powered – No bulky adapter
- DIN rail or direct panel mounting
- Plug and play operation
- Supports ALL standard IEEE 802.3 Ethernet protocols



**SIXNET**

PART NO.	RJ45 PORTS (10/100 Mbps)	FIBER OPTIC PORTS (100 Mbps)	PRICE
ET-GT-3ES-2SC	2	1 multimode	\$605.00
ET-GT-5ES-1	5	N/A	\$530.00
ET-GT-5ES-2SC	4	1 multimode	\$750.00
ET-GT-5ES-4SC	3	2 multimode	\$860.00
ET-GT-9ES-1	9	N/A	\$825.00
ET-GT-9ES-2SC	8	1 multimode	\$1045.00

Note 1: For ST style connectors just substitute "ST" for "SC" in the part numbers above.

Note 2: Singlemode fiber optic ports are available special order. Contact us for details.

### Accessories

RM-PS-024-01F	Universal AC/DC power supply 24 VDC, 1 AMP	\$280.00
SP-ETH-2	Ethernet surge and lightning protector (protects 2 RJ45 ports)	\$75.00

Note: Each SPETH-2 includes a grounding kit and two Ethernet patch cables.

## 4 10/100 Tx + 1 Fiber Port Switch



**EtherCom®**

- Fiber port: multi/single-mode, available with SC, ST, or MTRJ connectors
- 4 RJ45 ports
- Comprehensive LED support, indicator for link, activity, full/half, collision and auto negotiation

- Supports MDI / MDI-X auto crossover
- Half duplex back pressure flow control
- Full duplex IEEE 802.3x flow control
- Broadcast storm protection
- 10/100 Mbps, full/half, flow control and auto negotiation
- Low power operation
- Automatic address learning, address aging and address migration
- Integrated address look up engine, supports 1K absolute MAC addresses
- Wire speed reception and transmission
- Layer 2 switch
- 1.4 Gbps memory bandwidth

ESM41C	4 x 10/100 + 1 x SC	\$327.50
ESM41T	4 x 10/100 + 1 x ST	\$327.50
ESM41R	4 x 10/100 + 1 x MTRJ	\$455.00

Please specify internal or external power.

## CentreCOM Micro Transceivers



**Allied Telesyn International**



- IEEE 802.3 compliant and Ethernet Version 1.0 and 2.0 compatible
- Direct Attachment Unit Interface (AUI) connection

AT-MX10S-05	10Base2 MAU, Slim-line	\$53.00
AT-210TS-05D	10Base-T MAU, Slim-line	\$62.00
AT-MX20T-05	10Base-T MAU	\$65.00

## CopperLink™ Ethernet Extenders 144 Kbps to 16 Mbps over Copper!



**PATTON**  
Electronics Co.

**RACKABLE**

### Features & Benefits

- High-speed full-duplex 144 Kbps 12.5 Mbps communications link
- Extends Ethernet connections up to 4,500 ft. (1,372 m)
- Easy 2-wire CopperLink connection via built-in RJ-45 or 2-position terminal block
- Passes higher layer protocols and supports 802.1Q (VLAN tagging)
- Automatic learning and aging address table
- Five LEDs monitor power, CopperLink link and status, Ethernet link and activity
- Auto-sensing 10 or 100Base-T and full or half-duplex Ethernet operation
- No configuration required

### Ethernet Extension Application

Used in pairs, the Model 2158 establishes a high-speed 12.5 Mbps communication link interconnecting two geographically separated LANS. Operation is simple: packets destined for the remote LAN are sent transparently, at full line rate, to the peered LAN. The Patton Model 2158 can also be used to reach remote PCs and other equipment and for delivering last mile ISP services.



2158/120-2PK	CopperLink Ethernet Extender (1.5km) (Includes 1 Local and 1 Remote Set)	12.5 Mbps	\$779.00
2168/120-2PK	CopperLink Ethernet Extender (1.3km) (Includes 1 Local and 1 Remote Set)	16.67 Mbps	\$883.50
2157/120-2PK	CopperLink Ethernet Extender (10km) (Includes 1 Local and 1 Remote Set)	4.6 Mbps	\$1575.00
2156/120-2PK	CopperLink Ethernet Extender (10km) (Includes 1 Local and 1 Remote Set)	2.3 Mbps	\$1450.00
2155/120-2PK	CopperLink Ethernet Extender (12.9km) (Includes 1 Local and 1 Remote Set)	144 Kbps	\$1230.00

## EMC Series Ethernet Converters

**EtherCom®**



- EMC 01 & EMC 03 have Eight LEDs for function diagnostics. EMC 02 has 11 diagnostic LEDs.
- EMC Models do not add a logical repeater count.
- Rugged metal case with wall mounting flange.
- All units are designed to be IEEE 802.3 compliant.
- Units are FCC class A VDE class B compliant.
- Cross-over up-link switch on UTP ports.
- Choice of 10Base5 connections with EMC03.
- Designed, manufactured and engineered in the USA.
- 3 year return to manufacturer warranty.

EMC 01	BNC to UTP Media Converter	\$160.00
EMC 02	UTP to Fiber Media Converter	\$165.00
EMC 03	10Base5 to UTP Media Converter	\$275.00

HST, PST AND GST NOT INCLUDED IN PRICES SHOWN

To Order: **1-800-668-3282**

Fax: **1-800-668-3900**  
E-Mail: **sales@altecon.com**