

SMI-100 Fast Ethernet Converters

100Base-TX to 100Base-FX Fiber Mode Conversion



- 100Base-TX to 100Base-FX Fiber Media Converters
- Extend network distances up to 120km
- SC, LC and ST Media Converters
- Advanced Features: **Link Pass-Through**, Far-End Fault, Auto-MDIX
- **Manage via SNMP, CLI - Telnet/SSH, Internet browser, or PerleVIEW Central Management Platform**

Perle's advanced line of **Managed Fast Ethernet Media Converters**, transparently connects UTP ethernet copper to multimode or single mode fiber. While providing an economical means of extending your existing copper based network connection, these media converters are SNMP manageable to enable complete control and status viewing of your fiber links.

Perle Fast Ethernet Managed Media Converters come standard with extensive cost and time saving features. In addition, a lifetime warranty and free worldwide technical support make Perle's Managed Fast Ethernet Converters the smart choice for IT professionals.

SMI-100 Managed Fast Ethernet Media Converter Features

Configuration Mode selection

Select whether the module is to use the on-board DIP switches or enable the management module in the chassis to manage

Auto-MDIX

Auto-MDIX (automatic medium-dependant interface crossover) detects the signaling on the 100Base-TX interface to determine the type of cable connected (straight-through or crossover) and automatically configures the connection when enabled. With Auto-MDIX enabled, either a straight-through or crossover type cable can be used to connect the media converter to the device on the other end of the cable. Can manually set Auto or MDIX on the copper port via on-board strap or via the management software

Converter Information

- User configurable converter name
- User configurable fiber port name
- User configurable copper port name
- Hardware revision number
- Firmware version number

DIP switch settings

View hardware DIP switch settings

Port Control

Enable or disable individual fiber or copper port on the module

Copper Port Status

- Port Enabled (Yes/No)
- Link Status (Up/Down)
- Auto Negotiation Settings (Disabled, Complete or In Progress)
- Resolved as crossover MDI or MDIX type

Fiber Port Status

- Port Enabled (Yes/No)
- Connector type (SC, LC, ST)
- Link Status (Up/Down)
- Far End Fault (OK, Failed)
- Fiber Loopback mode (On/Off)

Control

- Reset
- Reset to factory default
- Phy specific commands such write/read config, read dip switches
- Update firmware
- Fiber Loopback mode. (On/Off)
- Upload/download configuration

Auto-Negotiation (802.3u)

The media converter supports auto negotiation on the fast ethernet 100Base-TX interface.

Link Pass-Through

With Link Pass-Through the state of the 100Base-TX receiver is passed to the 100Base-FX transmitter to make the media converter appear transparent to the end devices that are connected. In addition if Far-End Fault is enabled the media converter can turn off the 100Base-TX transmitter when a FAR-End Fault is received.

Using Link Pass-Through with Far-End Fault minimizes data loss when a fault occurs. Should a fault occur, the end devices have the indication of a failure available to them making trouble shooting easier.

Far-End Fault (FEF)

The media converter implements the 802.3 standard for Far-End Fault for the indication and detection of remote fault conditions on the 100Base-FX fiber connection. With Far-End Fault enabled the media converter transmits the Far-End Fault Indication over the 100Base-FX fiber connection whenever a receive failure is detected on the 100Base-FX fiber connection. The media converter continuously monitors the 100Base-FX fiber connection for a valid signal.

The action the media converter takes on receiving a Far-End Fault Indication is dependent on the Link Pass Through switch setting.

Pause (IEEE 802.3xy)

Pause signaling is an IEEE feature that temporarily suspends data transmission between two devices in the event that one of the devices becomes overwhelmed. The fast ethernet media converter supports pause negotiation on the 100Base-TX copper connection.

VLAN

The media converter is transparent to VLAN tagged packets.

SMI-100 Advanced Management Features

Enterprise and carrier-grade security is available through the support of strong authentication systems such as TACACS+, RADIUS and LDAP. Secure in-band access is assured via SNMPv3, SSH CLI and secure HTTPS Internet browser. This media converter also has many **NERC CIP** compliance features.

SNMP

- Full read/write capabilities via central SNMP servers and **PerleVIEW**
- Send SNMP traps (up to 4 servers)
- SNMPv3, V2C and V1
- SNMPv3 – encryption and authentication for both management and trap support
- RFC1213 MIB II
- Proprietary MIB provided

Telnet / SSH CLI access

In-band command line access via Telnet or **SSH application**

Internet Browser access

- Fast and intuitive graphical web interface for use with common internet browsers such Internet Explorer, Mozilla Firefox and Safari
- HTTP or secure HTTPS
- **PerleVIEW Central Management Platform**

Console port CLI access

Out-of-band command line access via Cisco compatible RJ45 serial console port using common “rolled” CAT5 cable.

Console port can be enabled (default) or disabled

Concurrent management sessions

Run multiple management sessions simultaneously for multiple users

Inactivity timeout

Protect secure management sessions by setting an inactivity timeout value

Alert event reporting

Alert level events are stored in the local event log and sent as:

- SNMP traps to up to 4 servers
- SYSLOG messages to a SYSLOG server
- Email to user defined email address

Advanced IP feature set

- IPV4 and IPV6 address support
- DHCP
- DNS
- Dynamic DNS
- NTP
- TFTP
- Telnet
- SSH V2 and V1
- HTTP
- HTTPS

Advanced Management User Authentication with primary and secondary server support

- TACACS+
- RADIUS
- LDAP
- Active Directory via LDAP
- RSA Secure ID-agent or via RADIUS authentication
- Kerberos
- NIS

Advanced Management User Authorization and Accounting

- TACACS+
- RADIUS

Encryption

- AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2)
- Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96
- Key exchange: RSA, EDH-RSA, EDH-DSS, ADH
- X.509 Certificate verification: RSA, DSA

Access Control List

An access control list can be created which can filter out only those workstations that are authorized to access the management resources. Filter on IP and/or Ethernet MAC addresses

Network Services Filter

Enable only those network services on the management module that are allowed on your network (Telnet, SSH, HTTP, HTTPS, SNMP)

Firmware download

Update the latest level firmware for management and media converter modules via TFTP or **PerleVIEW**

Specifications

| | | | | |
|----------------------------------|---------------------------------------|--------------------------------------|---------------------------------|-----------------------|
| Lifetime limited warranty | Reach, RoHS and WEEE Compliant | HTSUS Number: 8517.62.0020 | UNSPSC Code: 43201553 | ECCN: 5A992 |
|----------------------------------|---------------------------------------|--------------------------------------|---------------------------------|-----------------------|



CCATS Number:
G134373

Media Converter Module Indicators

| | |
|---|---|
| Power / TST | This green LED is turned on when power is applied to the media converter. Otherwise it is off. The LED will blink when in Loopback test mode. |
| Fiber link on / Receive activity (LKF) | This green LED is operational only when power is applied. The LED is on when the 100Base-FX link is on and flashes with a 50% duty cycle when data is received. |
| Copper link on / Receive activity (LKC) | This green LED is operational only when power is applied. The LED is on when the 100Base-TX link is on and flashes with a 50% duty cycle when data is received. |

Management Module Indicators / reset

| | |
|-------|---|
| Power | Blinking green during startup cycle Steady green: module has power and is ready Red : error |
|-------|---|

| | |
|--|--|
| ALM | Red alarm indicator activated when an alert event occurs |
| LKC | Green indicator indicating an active Ethernet link. Blinking indicates RX and TX of data |
| 100/1000 | <ul style="list-style-type: none"> • Green - 1000 Mbps link • Yellow - 100 Mbps link • Off - 10 Mbps or no Link |
| Reset button | Recessed pinhole button resets module |
| Connectors | |
| 100Base-TX | <ul style="list-style-type: none"> • RJ45 connector, 2 pair CAT 5, EIA/TIA 568A/B or better cable • Magnetic Isolation - 1.5kv |
| Fiber Optic Cable | <ul style="list-style-type: none"> • Multimode: 62.5 / 125, 50/125, 85/125, 100/140 micron • Single Mode: 9/125 micron (ITU-T 625) |
| Management ethernet port | <ul style="list-style-type: none"> • 10/100/1000Base-T - RJ45 • Auto- MDI/MDIX |
| Management console port | RS232 Serial RJ45 - Cisco pinout for use with standard CAT5 "rolled cable" (crossover) 9600 to 115k bps 7/8 bits Odd,even, no parity 1/2 stop bits Hardware/software flow control DCD/DSR monitoring |
| Packet Transmission Characteristics | |
| Bit Error Rate (BER) | 10^{-12} |
| Switches: On-Board (If Auto/Switch strap is set to Switch) | |
| Auto-Negotiation (802.3u) | <ul style="list-style-type: none"> • <i>Enabled (Default)</i> - The media converter uses 802.3u Auto-negotiation on the 100Base-TX interface. It is set to advertise full duplex. • <i>Disabled</i> - The media converter sets the 100Base-TX port to full duplex. |


| | |
|---------------------|--|
| Pause | <ul style="list-style-type: none"> • Pause should be enabled when all devices connected to the media converter support pause. Auto-Negotiation must be Enabled to use this feature. • <i>Enabled (Default)</i> - The Media converter will advertise Pause capability during Auto-Negotiation on the 100Base-TX interface. • <i>Disabled</i> - The Media converter will advertise that it does not have Pause capability during Auto-Negotiation on the 100Base-TX interface. |
| Link Pass Through | <ul style="list-style-type: none"> • <i>Enabled (Default)</i> - When the state of the receiver is changed on the 100Base-TX interface it is reflected on the 100Base-FX fiber transmitter. When the state of the receiver on the 100Base-FX interface is changed it is reflected on the 100Base-TX transmitter. • When a Far-End Fault Indication is received on the fiber interface the 100Base-TX transmitter is turned off. When the Far-End Fault Indication is cleared the transmitter is turned back on. • <i>Disabled</i> - The 100Base-TX and the 100Base-FX fiber interface operate independently. Far-End Fault indication on the 100Base-FX fiber interface has no effect on the 100Base-TX interface. |
| Far-End Fault (FEF) | <ul style="list-style-type: none"> • <i>Enabled (Default)</i> - The media converter transmits the Far-End Fault Indication over the 100Base-FX fiber connection whenever a receive failure is detected on the 100Base-FX fiber connection. The media converter continuously monitors the 100Base-X fiber connection and clears the Far-End Fault Indication condition when a valid signal is received. • <i>Disabled</i> - Far-End Fault Indications are not transmitted regardless of the condition of the receive signal on the 100Base-FX fiber connection. |
| Remote Loopback | <p>The media converter can perform a loopback on the 100Base-X fiber interface.</p> <p>Disabled (Default - Up)</p> <p><i>Enabled</i> - The 100Base-X receiver is looped to the 100Base-X transmitter. The 100Base-TX transmitter is taken off the interface.</p> |

| | |
|------------------------------|--|
| Auto-MDIX (Internal Strap) | <p>If Auto-Negotiation (802.3u) is enabled, the media converter uses the HP Auto-MDIX method for the 100Base-TX interface.</p> <p>If Auto-Negotiation (802.3u) is disabled the Media converter will use the RX Energy method on the 100Base-TX interface to set the port MDI or MDIX whichever is appropriate.</p> <ul style="list-style-type: none"> • <i>Enabled (Default)</i> - Either a straight-through or crossover type cable can be used to connect the media converter to the device on the other end of the cable. • <i>Disabled</i> - If the partner device on the other end of the cable does not have the Auto-MDIX feature a specific cable, either a straight-through or crossover will be required to ensure that the media convertor's transmitter and the partner devices transmitter are connected to the others receiver. The Media Converter's 100Base-TX port is configured as MDI with this switch setting. |
| Configuration Mode (Strap) | <ul style="list-style-type: none"> • Auto (default) enable management module to overwrite hardware switch settings • Switch - Use onboard DIP switches |
| Power | |
| Input Supply Voltage | (12 vDC Nominal) |
| Current | 0.33amps at 12vdc |
| Power Consumption | 3.98watts |
| Power Connector | 5.5mm x 9.5mm x 2.1mm barrel socket |
| Power Adapter | |
| Universal AC/DC Adapter | 100-240v AC, regulated DC adapter included |
| Environmental Specifications | |
| Operating Temperature | 0°C to 50°C (32°F to 122°F) |
| Storage Temperature | minimum range of -25°C to 70°C (-13°F to 158°F) |
| Operating Humidity | 5% to 90% non-condensing |

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|-------------------------------|--|
| Storage Humidity | 5% to 95% non-condensing |
| Operating Altitude | Up to 3,048 meters (10,000 feet) |
| Heat Output (BTU/HR) | 13.6 |
| MTBF (Hours)* | <ul style="list-style-type: none"> • 245,769 Hours without power adaptor • 168,532 Hours with power adaptor: <i>Calculation model based on MIL-HDBK-217-FN2 @ 30°C</i> |
| Chassis | Metal with an IP20 ingress protection rating |
| Mounting | |
| Din Rail Kit | Optional |
| Rack Mount Kit | Optional |
| Product Weight and Dimensions | |
| Weight | 0.722 kg |
| Dimensions | 175 x 145 x 23 mm |
| Packaging | |
| Shipping Weight | 1.2 kg |
| Shipping Dimensions | 300 x 200 x 70 mm |
| Regulatory Approvals | |
| Emissions | <ul style="list-style-type: none"> • FCC Part 15 Class B*, EN55022 Class B* • CISPR 22 Class B* • CISPR 32:2015/EN 55032:2015 (Class A) • CISPR 35/EN 55035 • EN61000-3-2 |
| Immunity | EN55024 |

| | |
|---|--|
| <p>Electrical Safety</p> | <ul style="list-style-type: none"> • UL/EN/IEC 62368-1 • CAN/CSA C22.2 No. 62368-1 • UL 60950-1 • IEC 60950-1(ed 2); am1, am2 • EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 • CE |
| <p>Laser Safety</p> | <ul style="list-style-type: none"> • EN 60825-1 • Fiber optic transmitters on this device meet Class 1 Laser safety requirements per IEC-60825 FDA/CDRH standards and comply with 21CFR1040.10 and 21CFR1040.11. |
| <p>* When used with a Class B rated AC power adapter.</p> | |


Product List



SMI-100-M2SC2 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm multimode (SC) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070304 | 05070301 | 05070302 | 05070305 | 05070306 | 05070308 |



SMI-100-M2ST2 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm multimode (ST) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070314 | 05070311 | 05070312 | 05070315 | 05070316 | 05070318 |



SMI-100-M2LC2 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm multimode (LC) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070324 | 05070321 | 05070322 | 05070325 | 05070326 | 05070328 |



SMI-100-S2SC20 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-LX 1310nm single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070334 | 05070331 | 05070332 | 05070335 | 05070336 | 05070338 |



SMI-100-S2ST20 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-LX 1310nm single mode (ST) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070344 | 05070341 | 05070342 | 05070345 | 05070346 | 05070348 |



SMI-100-S2LC20 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-LX 1310nm single mode (LC) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070354 | 05070351 | 05070352 | 05070355 | 05070356 | 05070358 |



SMI-100-S2SC40 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-EX 1310nm single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070364 | 05070361 | 05070362 | 05070365 | 05070366 | 05070368 |



SMI-100-S2ST40 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-EX 1310nm single mode (ST) [40 km/24.9 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070374 | 05070371 | 05070372 | 05070375 | 05070376 | 05070378 |



SMI-100-S2LC40 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-EX 1310nm single mode (LC) [40 km/24.9 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070384 | 05070381 | 05070382 | 05070385 | 05070386 | 05070388 |



SMI-100-S2SC80 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (SC) [40 km/49.7 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070394 | 05070391 | 05070392 | 05070395 | 05070396 | 05070398 |



SMI-100-S2ST80 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (ST) [40 km/49.7 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070404 | 05070401 | 05070402 | 05070405 | 05070406 | 05070408 |



SMI-100-S2LC80 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1550nm single mode (LC) [40 km/49.7 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070414 | 05070411 | 05070412 | 05070415 | 05070416 | 05070418 |



SMI-100-S2SC120 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (SC) [120 km/74.6 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070424 | 05070421 | 05070422 | 05070425 | 05070426 | 05070428 |



SMI-100-S2ST120 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (ST) [120 km/74.6 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070434 | 05070431 | 05070432 | 05070435 | 05070436 | 05070438 |



SMI-100-S2LC120 - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (LC) [120 km/74.6 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070444 | 05070441 | 05070442 | 05070445 | 05070446 | 05070448 |



SMI-100-S1SC20U - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm TX / 1550nm RX single fiber single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070454 | 05070451 | 05070452 | 05070455 | 05070456 | 05070458 |



SMI-100-S1SC20D - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1550nm TX / 1310nm RX single fiber single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070464 | 05070461 | 05070462 | 05070465 | 05070466 | 05070468 |



SMI-100-S1SC40U - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm TX / 1550nm RX single fiber single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070474 | 05070471 | 05070472 | 05070475 | 05070476 | 05070478 |



SMI-100-S1SC40D - Fast Ethernet Standalone IP Managed Media Converter. 100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1550nm TX / 1310nm RX single fiber single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05070484 | 05070481 | 05070482 | 05070485 | 05070486 | 05070488 |



SMI-100-M1SC2D - Fast Ethernet IP Managed Media Converter. 100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1550nm TX / 1310nm RX single fiber multimode (SC) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05071204 | 05071201 | 05071202 | 05071205 | 05071206 | 05071208 |



SMI-100-M1SC2U - Fast Ethernet IP Managed Media Converter. 100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1310nm TX / 1550nm RX single fiber multimode (SC) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05071194 | 05071191 | 05071192 | 05071195 | 05071196 | 05071198 |



SMI-100-M1ST2U - Fast Ethernet IP Managed Media Converter. 100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1310nm TX / 1550nm RX single fiber multimode (ST) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05071294 | 05071291 | 05071292 | 05071295 | 05071296 | 05071298 |



SMI-100-M1ST2D - Fast Ethernet IP Managed Media Converter. 100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1550nm TX / 1310nm RX single fiber multimode (ST) [2 km/1.2 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05071304 | 05071301 | 05071302 | 05071305 | 05071306 | 05071308 |



SMI-100-S1ST20U - Fast Ethernet IP Managed Media Converter. 100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1310nm TX / 1550nm RX single fiber single mode (ST) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05071274 | 05071271 | 05071272 | 05071275 | 05071276 | 05071278 |



SMI-100-S1ST20D - Fast Ethernet IP Managed Media Converter. 100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1550nm TX / 1310nm RX single fiber single mode (ST) [20 km/12.4 miles]

Power Cord & Part Number(s)

| USA | UK | EU | SA | AUS | None |
|----------|----------|----------|----------|----------|----------|
| 05071284 | 05071281 | 05071282 | 05071285 | 05071286 | 05071288 |

Related Accessories

Accessories



DIN Rail Mounting Kit for 4 & 8 port IOLAN desktop models, all Stand-Alone Media Converters and all Stand-alone Ethernet Extenders. Two of these brackets are required for the 8 port STS8-D model.

04030840



Standalone media converter wall / rack mount bracket

05059999

Power Supplies



UK 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031581



EU 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031582



USA 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031584



Australia 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031586