Section 9: Active Networking

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Descriptive information herein supplied directly by individual manufacturers. Not responsible for opinion-oriented information or typographical errors. Not all products may be in stock or available to all EDGE members. Price is subject to change without notice. Restrictions may apply. We reserve the right to limit quantities to stock on hand.
24-Port 100FX Ethernet Fiber Switch
Model 065-7640AFSC and 65-7640AFSM Fast Ethernet Fiber Switches connect workstations and servers using fiber optic cable where Gigabit Ethernet connections are not desired. These non-blocking 24-port 100Base FX Fast Ethernet switches have SNMP, Web-browser, local terminal connection and Telnet remote terminal management capabilities included.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7640AFSC</td>
<td>Fast Ethernet Fiber Switch - Multimode, SC connectors - AC Power</td>
</tr>
<tr>
<td>065-7640AFSCDC</td>
<td>Fast Ethernet Fiber Switch - Multimode, SC connectors - 48V DC Power</td>
</tr>
<tr>
<td>065-7640AFSM</td>
<td>Fast Ethernet Fiber Switch - Singlemode, SC connectors - AC Power</td>
</tr>
<tr>
<td>065-7640AFSMDC</td>
<td>Fast Ethernet Fiber Switch - Singlemode, SC connectors - 48V DC Power</td>
</tr>
</tbody>
</table>

Gigabit Ethernet Access Switch
Capable of two optional Gigabit Ethernet connections, and it is a fully functional SNMP-managed 24-port 10/100 Fast Ethernet and Standard Ethernet switch as well. Two optional ports permit easy interconnection of these switches at Gigabit speeds, creating a Gigabit Ethernet backbone network with 24/10/100 ports per switch for workstation and server connectivity. SNMP, web-browser, local terminals connection and Telnet remote terminal management capabilities are included. Five year warranty, including power supply.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7732A</td>
<td>24-Port 10/100T/TX Switch with 2 Gigabit Expansion Slots</td>
</tr>
<tr>
<td>065-77LX</td>
<td>1000BaseLX Expansion Module for Gigabit Access Switch - SC Singlemode (10 km)</td>
</tr>
<tr>
<td>065-77LXED</td>
<td>1000BaseLX Expansion Module for Gigabit Access Switch - SC Singlemode (20 km)</td>
</tr>
<tr>
<td>065-777X</td>
<td>1000BaseSX Expansion Module for Gigabit Access Switch - SC Multimode</td>
</tr>
<tr>
<td>065-777TX</td>
<td>1000BaseTX Expansion Module for Gigabit Access Switch - RJ-45 Cat 5e</td>
</tr>
<tr>
<td>065-7732ADC</td>
<td>24-Port 10/100T/TX Switch with 2 Gigabit Expansion Slots - 48V DC Power</td>
</tr>
</tbody>
</table>

24-Port Gigabit Ethernet Fiber Switch
Model 065-7732AFSC Multimode and 065-7732AFSM Singlemode Fiber Gigabit Ethernet Access Switches extend fiber to the desktop from a Gigabit Ethernet fiber backbone. Model 065-7732FS provides two 100BaseSX multimode fiber optic ports plus 24 100BaseFX multimode fiber optic ports. Model 065-1132FS provides two 100BaseLX singlemode fiber optic ports plus 24 100BaseFX singlemode fiber ports. SNMP, Web-browser, local terminal connection and Telnet remote terminal management capabilities are included.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7732AFSC</td>
<td>Multimode Fiber Gigabit Ethernet Access Switch - AC Power</td>
</tr>
<tr>
<td>065-7732AFSCDC</td>
<td>Multimode Fiber Gigabit Ethernet Access Switch - 48V DC Power</td>
</tr>
<tr>
<td>065-7732AFSM</td>
<td>Singlemode Fiber Gigabit Ethernet Access Switch - AC Power</td>
</tr>
<tr>
<td>065-7732AFSMDC</td>
<td>Singlemode Fiber Gigabit Ethernet Access Switch - 48V DC Power</td>
</tr>
</tbody>
</table>

5-, & 8-Port 10/100 Ethernet Desktop Switches
Full duplex mode multiples total network capacity by providing up to 200 Mbps bandwidth per port rather than sharing 100 Mbps bandwidth between hub users, and segments networks for improved performance by forwarding traffic only to the users to whom the message was sent. Features auto-sensing speed.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7007A</td>
<td>5-Port 10/100Base T/TX Desktop Ethernet Mini Switch</td>
</tr>
<tr>
<td>065-7012A</td>
<td>8-Port 10/100Base T/TX Desktop Ethernet Mini Switch</td>
</tr>
</tbody>
</table>

8-Port 100BaseFX Fiber Switch
This plug-and-play Fast Ethernet switch is the ultimate in easy 110Base FX fiber connection for simple multimode fiber applications. Standard 1U high non-blocking switch chassis supports eight multimode SC ports. Equipped with a DIP switch for full or half-duplex mode selection.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7310FSC</td>
<td>8-Port 100BaseFX Fiber Switch - SC</td>
</tr>
<tr>
<td>065-7310FST</td>
<td>8-Port 100BaseFX Fiber Switch - ST</td>
</tr>
</tbody>
</table>

Compact Fiber Access Switch
Cost-effective fiber extension to small workgroups and Programmable Logic Controller (PLC) clusters. These switches support enterprise-level network extension to outlying buildings in a campus environment, and can also extend process control networks over fiber to production or control machinery equipped with PLCs at Fast Ethernet speeds. Tagged VLAN and Quality of Service (QoS) packets used to separate and prioritize sub-networks.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7111SC</td>
<td>Multimode Compact Fiber Access Switch - SC</td>
</tr>
<tr>
<td>065-7111ST</td>
<td>Multimode Compact Fiber Access Switch - ST</td>
</tr>
<tr>
<td>065-7111MT</td>
<td>Multimode Compact Fiber Access Switch - MT-RJ (Special Order)</td>
</tr>
<tr>
<td>065-7111VF</td>
<td>Multimode Compact Fiber Access Switch - VF-45 (Special Order)</td>
</tr>
<tr>
<td>065-7111SM</td>
<td>Singlemode Compact Fiber Access Switch - SC (Special Order)</td>
</tr>
<tr>
<td>065-7111SMED</td>
<td>Singlemode Compact Fiber Access Switch - SC (Special Order)</td>
</tr>
<tr>
<td>065-7111SMXLD</td>
<td>Singlemode Compact Fiber Access Switch - SC (Special Order)</td>
</tr>
</tbody>
</table>

Entry Level Rackmount Switches

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7331A</td>
<td>16-Port Rackmount 10/100 Switch</td>
</tr>
<tr>
<td>065-7341A</td>
<td>24-Port Rackmount 10/100 Switch</td>
</tr>
</tbody>
</table>

What is the difference between Managed & Unmanaged Switches?
Managed switches are generally more expensive, but it includes extra features. A managed switch is basically a switch that supports SNMP (Simple Network Management Protocol). A managed switch allows you to take control of your network. An unmanaged switch will simply allow Ethernet devices to communicate. You connect your Ethernet devices to the unmanaged switch and they usually communicate automatically. There will be status LEDs to give you some feedback regarding link and activity; but this is generally all you get. With a managed switch you will have the same status LEDs in addition to the ability to adjust your communication parameters to any setting you desire and let you monitor the network behavior in a number of different ways. Managed switches also allow you to monitor your network, including the number of bytes transmitted and received, the number of frames transmitted and received, the number of errors, or the port status. Some even make this data available via a web server so that you can use a standard browser to view the network status.
24-Port 10/100 Stackable Managed Switch + 2 SFP/RJ-45 Ports

Signamax Connectivity Systems’ 065-7726S is a new, stackable variant Gigabit Ethernet Access Switch that provides two Gigabit Ethernet connections plus 24 10/100 ports and modern QoS, Tagged VLAN, and full SNMP management in a cost-effective package. The two Dual Media Gigabit Ethernet ports use onboard RJ-45 connectors to permit easy clustering of switches, and auto-detected SFP modules for fiber optic switch interconnection at longer distances. Both creation of and additions to a Gigabit backbone network are enabled using 24 10/100 ports per switch for workstation and server connectivity. A complete SNMP management package is included, with web browser, local console, and Telnet remote terminal connections with real time updating. The 065-7726S communicates with network management systems such as HP OpenView™ via SNMP for enterprise-wide status display, statistical monitoring, and switch control.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7726S</td>
<td>24-Port 10/100 Managed Switch + 2 SFP/RJ-45 Dual Media Ports</td>
</tr>
<tr>
<td>065-7726SDC</td>
<td>24-Port 10/100 Managed Switch + 2 SFP/RJ-45 Dual Media Ports</td>
</tr>
<tr>
<td>065-79SXMG</td>
<td>1000BaseSX SFP Module – MM/LC, 2 km</td>
</tr>
<tr>
<td>065-79LXMG</td>
<td>1000BaseLX SFP Module – SM/LC, 10 km</td>
</tr>
<tr>
<td>065-79LXDMG</td>
<td>1000BaseLX SFP Module – SM/LC, 20 km</td>
</tr>
<tr>
<td>065-7726SPOE</td>
<td>24-Port 10/100 Managed Switch + 2 SFP/RJ-45 Dual Media Ports with PoE</td>
</tr>
</tbody>
</table>

12- and 24-Port 10/100/1000 Stackable Managed Switch + 2-SFP Ports

Provide non-blocking performance for either 24 10/100/1000 Gigabit Ethernet connections, or 12 10/100/1000 Gigabit Ethernet connections with Power over Ethernet capability. These switches provide modern QoS and Tagged VLAN capabilities, and full SNMP management, at a surprisingly low cost. Two Dual Media Gigabit Ethernet ports use auto-detected SFP modules for fiber optic switch interconnection at extended distances. Both ring and star Gigabit backbone network architectures are possible with full automatic failover. The included SNMP management package is complete and comprehensive, with web browser, local console, and Telnet remote terminal connections and real time updating.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-7840</td>
<td>24-Port 10/100/1000 Managed Switch + 2 SFP Dual Media Ports</td>
</tr>
<tr>
<td>065-7840DC</td>
<td>24-Port 10/100/1000 Managed Switch + 2 SFP Dual Media Ports</td>
</tr>
<tr>
<td>065-7820POE</td>
<td>12-Port 10/100/1000 Managed PoE Switch + 2 SFP Dual Media Ports</td>
</tr>
</tbody>
</table>

WLAN Switches 8- and 24-Port

Provides unmatched capacity (configurable data rate of each channel up to 54 Mbps), bandwidth (triple the aggregate bandwidth of a/b/g channel, for effective data rates of up to 162 Mbps on a standard channel), unprecedented client mobility and ease of deployment. These switches manage all WLAN traffic and network management activities. They work with and control the operation of Signamax’s BWAP-200 Access Points (BWAP-200).

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BWS-8008</td>
<td>8-port switch</td>
</tr>
<tr>
<td>BWS-8024</td>
<td>24-port switch</td>
</tr>
</tbody>
</table>

GuestGate™ Internet Access

Provide guests with instant internet access while keeping your network secure. IP Plug and Play for configuration-free client operation. Client isolation through Layer 3 VLAN Technology. Bandwidth control (upstream and downstream). Password option for internet access. No configuration required, automatically detects the network settings. Additional setup functions can be performed by IT Administrator using Web-based User Interface. Packet filter for IP addresses, domains and TCP/IP services ports.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>523301</td>
<td>5 port</td>
</tr>
<tr>
<td>523318</td>
<td>8 port</td>
</tr>
<tr>
<td>522595</td>
<td>16 port</td>
</tr>
</tbody>
</table>

Fast Ethernet Desktop Office Switches

10/100 Auto-sensing ports. Supports any combination of 10 Mbps or 100 Mbps network devices.

Speeds of up to 200 Mbps in full-duplex mode. Rugged metal housing for maximum durability. Desktop size. Supports 2000 MAC addresses. 80 kBytes buffer memory.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>502023</td>
<td>5 Port</td>
</tr>
<tr>
<td>502054</td>
<td>8 Port</td>
</tr>
</tbody>
</table>

Rackmount Switch


<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>520409</td>
<td>16 port, 2000 MAC address entries, 512 kBytes buffer memory</td>
</tr>
<tr>
<td>520418</td>
<td>24 port, 8000 MAC address entries, 320 kBytes buffer memory</td>
</tr>
<tr>
<td>520423</td>
<td>32 port, 4000 MAC address entries, 1 MBytes buffer memory</td>
</tr>
<tr>
<td>522618</td>
<td>48 port, 8000 MAC address entries, 512 kBytes buffer memory</td>
</tr>
</tbody>
</table>

Fast Ethernet Desktop Smart Switch

10/100 Auto sensing full/half duplex ports. Supports up to 4000 MAC address entries. Supports VLAN. Console port for configuring.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>520485</td>
<td>8 port, 128 kBytes buffer memory</td>
</tr>
<tr>
<td>520508</td>
<td>16 port, 512 kBytes buffer memory</td>
</tr>
</tbody>
</table>
24 Port Managed Switch with 2 Gigabit Ports

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>520881</td>
<td></td>
</tr>
</tbody>
</table>

Fast Ethernet Rackmount Smart Switch with Optional Fiber Ports
10/100 Auto sensing full/half duplex ports. Supports up to 8000 MAC address entries. 512 kBytes buffer memory. Standard 19" rack mountable. Supports Trunking/VLAN. Console port for configuring. Regulate auto-negotiating on individual ports, each can be set to 10, 100, Half Duplex, Full Duplex or Full Auto. Optional modules for fiber optic connectors.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>520317</td>
<td>16 Port</td>
</tr>
<tr>
<td>520331</td>
<td>24 Port</td>
</tr>
<tr>
<td>500487</td>
<td>ST Module for 520317/520331</td>
</tr>
<tr>
<td>500470</td>
<td>SC Module for 520317/520331</td>
</tr>
</tbody>
</table>

Industrial Managed Fast Ethernet Rail Switches
Rigid aluminum case. 10/100 auto-sensing ports. Supports any combination of 10 Mbps or 100 Mbps network devices. All RJ45 ports with Auto MDI-X and NWay auto-negotiation support. Store-and-forward switching architecture. Provides true non-blocking switching performances. Supports IEEE 802.3x flow control on full duplex and back pressure on half duplex. Supports 2048 MAC address entries (1024 on 503099 and 500920). 128 kBytes buffer memory. Supports by-port Egress/Ingress rate control. Weighted Round Robin for high priority frames and normal frames. Supports Head of Line ( HOL) blocking prevention. Supports 80.2.3 flow control for full-duplex mode and collision-based backpressure for half-duplex mode. 384 kBytes buffer memory.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>503129</td>
<td>6 port RJ-45, 2 port 100Base-FX (SC) multi-mode, 2 km</td>
</tr>
<tr>
<td>503136</td>
<td>6 port RJ-45, 2 port 100Base-FX (SC) singlmode, 30 km</td>
</tr>
<tr>
<td>503099</td>
<td>8 port</td>
</tr>
<tr>
<td>500920</td>
<td>5 port</td>
</tr>
</tbody>
</table>

Layer 2 24 10/100 +2G Managed Switch
One MDC/MDIO for monitoring auto-negotiation status of 10/100Mbps ports. Supports by-port Egress/Ingress rate control. Weighted Round Robin for high priority frames and normal frames. Supports Head of Line (HOL) blocking prevention. Supports 80.2.3 flow control for full-duplex mode and collision-based backpressure for half-duplex mode. 384 kBytes buffer memory.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>513067</td>
<td>Managed Switch</td>
</tr>
<tr>
<td>505000</td>
<td>2 port 1000Base-SX Multimode SC Module</td>
</tr>
<tr>
<td>500043</td>
<td>2 port 1000Base-SX Singlemode SC Module, 10 km</td>
</tr>
<tr>
<td>500050</td>
<td>1 port 100Base-FX Multimode ST Module</td>
</tr>
<tr>
<td>500104</td>
<td>1 port 100Base-FX Multimode SC Module</td>
</tr>
<tr>
<td>500038</td>
<td>2 port 100Base-T Module</td>
</tr>
<tr>
<td>500173</td>
<td>2 port 100Base-T/Gbic Multimode SC Module</td>
</tr>
<tr>
<td>500210</td>
<td>2 port 100Base-T/Gbic Singlemode SC Module, 10 km</td>
</tr>
</tbody>
</table>

Gigabit Modules

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>520775</td>
<td>SC 1000Base-SX</td>
</tr>
<tr>
<td>520768</td>
<td>RJ45 1000 Base-TX</td>
</tr>
</tbody>
</table>

Fast Ethernet Rackmount Web-Smart Switch with 2 Gigabit Ports
24 10/100 auto-sensing Auto MDI-X ports automatically detect optimal network speeds, full and half duplex mode. Two RJ-45 Gigabit Auto MDI-X ports (10/100/1000 auto sensing, full duplex). Port settings include auto-negotiation, speed, half and full duplex mode. Supports bandwidth control per port. Supports VLAN (26 groups) and trunking (7 groups). Supports Quality of Service (QoS) with 2 priority levels. Supports up to 8,000 MAC address entries. 320 kBytes buffer memory. Configuration via Web browser or RS232 console port. Lifetime Warranty.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>523110</td>
<td>16 port, 4000 MAC address entries, 256 kBytes buffer memory</td>
</tr>
<tr>
<td>523127</td>
<td>24 port, 8000 MAC address entries, 400 kBytes buffer memory</td>
</tr>
</tbody>
</table>

Fast Ethernet Rackmount Web-Smart Switch with Optional Gigabit Ports
24 10/100 Mbps auto-sensing Auto-MDIX RJ-45 ports automatically detecting optimal network speeds. 2 slots for Gigabit Ethernet modules (1000Base-T and 1000base-SX). Configuration via Web browser or console port. Supports 7 VLAN groups. QoS support with 2 priority levels. Bandwidth control for all ports, 100 levels. Supports port mirroring and aging time setting. Supports up to 14,000 MAC address entries. 512 kBytes buffer memory. Lifetime Warranty.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>505093</td>
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</tbody>
</table>

10/100 Ethernet & Fast Ethernet Switches
Compliant with IEEE 802.3 and IEEE 802.3u standards. Half- or Full-Duplex operation for each port. Store-and-forward switching method. Compact design with external power adapter. Comprehensive LED indicators for port status. Shares printers, hard drives, and other peripherals with all connected computer. Provides dedicated bandwidth to each computer in your network, enabling error-free data transmission. Uses an uplink port to connect additional Switches for adding computers to your network. Works with MACs and PCs. Installs in seconds – no software needed.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>NET-D05P</td>
<td>5 Port 10/100 Ethernet Switch</td>
</tr>
<tr>
<td>NET-D08P</td>
<td>8 Port 10/100 Fast Ethernet Switch</td>
</tr>
<tr>
<td>NET-D16P</td>
<td>16 Port 10/100 Fast Ethernet Switch</td>
</tr>
</tbody>
</table>
Rackmount Switches
Increase network efficiency to accommodate today and future high-bandwidth applications, such as imaging, and multimedia. Meets all IEEE 802.3 Ethernet standards, as well as IEEE 802.3u Fast Ethernet specifications. Quality Metal Case. 19” Rackmount. Provides dedicated bandwidth to each computer in your network, enabling error-free data transmission. Uses an uplink port to connect additional switches for adding computers to your network. Installs in seconds – no software needed. Works with MACs and PCs. Store-and-forward switching method.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET-S16RE</td>
<td>16 Port 10/100 Switch, Rackmount</td>
</tr>
<tr>
<td>NET-S24RE</td>
<td>24 Port 10/100 Switch, Rackmount</td>
</tr>
</tbody>
</table>

8 Port 10/100/1000 Ethernet Switch
Complies with the IEEE802.3, IEEE802.3u and IEEE802.3ab Gigabit Ethernet standard. Provides Store-and-Forward architecture and Full-Wire speed filtering and forwarding rate. All Ports support 1000/100/10Mbps Auto-Negotiation and Auto-MDI/MDI-X. Supports up to 8K bytes of MAC addresses. Provides up to 512K bytes of buffer memory. Supports Full/Half duplex modes. Supports IEEE802.3x for Full-duplex flow control and Back press for Half-duplex flow control. Supports one console port for smart function configuration (VLAN/Trunking/QoS). Supports Port-based VLAN. Supports 6 Trunking groups.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET-C08RE</td>
<td></td>
</tr>
</tbody>
</table>

10/100Base-T Network Switch
Share data from computers and printers by connecting to either a 10Base-T or 100Base-T Ethernet local area network. Mounting bracket included. Data transfer rate is 100 Mbps. Five RJ-45 ports support up to five connections. Complies with IEEE 802.3 standard and FCC Certified. LED indicators for easy status diagnosis and troubleshooting. Power adapter included: 7.5V DC, 750 mA. Full-size module. Dimensions (H x W x D) - 6.5” x 6.9” x 2.6”.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM100BTS05</td>
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</table>

Active Networking - Interface Cards & Adapters

Gigabit PCI Cards

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>522328</td>
<td>Realtek Chipset - Compatible to Windows 2000/XP/MacOS and Linux</td>
</tr>
<tr>
<td>522533</td>
<td>Marvell Chipset - Compatible to Windows 2000/XP and 2003 Server</td>
</tr>
</tbody>
</table>

Fast Ethernet PCI Network Cards

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>509510</td>
<td>Realtek 8139 Chipset - Also compatible with Windows XP64/Max OS/Linux and NOVELL</td>
</tr>
<tr>
<td>520584</td>
<td>Boot ROM socket, VIA Chipset</td>
</tr>
</tbody>
</table>

Keep Your Network Working!
From switches & routers to security solutions, we have all the networking products you’ll need. Whether you’re enhancing an already established network or building a new one, we’re ready to help.

Active Switches
Full duplex 10/100 ports. Meets all IEEE 802.3, 802.3u, 802.3X standards. 5- and 8-port units are palm sized. All units come with either a power cable or dc transformer. Plug and play and hot swappable. Individual full color box.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAP-3008</td>
<td>8 Port 10/100 High speed switch</td>
</tr>
<tr>
<td>NAP-3005</td>
<td>5 Port 10/100 High speed switch</td>
</tr>
<tr>
<td>NAP-3016</td>
<td>16 port rack mount 10/100 high speed switch</td>
</tr>
<tr>
<td>NAP-3024</td>
<td>24 port rack mount 10/100 high speed switch</td>
</tr>
<tr>
<td>NAP-7180</td>
<td>8 Port + 1 SC multi-mode fiber switch</td>
</tr>
<tr>
<td>NAP-7280</td>
<td>8 Port + 1 ST multi-mode fiber switch</td>
</tr>
<tr>
<td>NAP-7380</td>
<td>8 Port + 1 SC single-mode 20KM fiber switch</td>
</tr>
</tbody>
</table>

NIC Cards & Fiber Adapters
Full duplex 10/100 ports. Meets all IEEE 802.3, 802.3u, 802.3X standards. 5- and 8-port units are palm sized. All units come with either a power cable or dc transformer. Plug and play and hot swappable. Individual full color box.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAP-4110</td>
<td>10/100 Base-T PCI NIC card adapters full duplex</td>
</tr>
<tr>
<td>NAP-6000</td>
<td>10/100 Base TX to 100 Base FX ST duplex bridge adapter</td>
</tr>
<tr>
<td>NAP-6001</td>
<td>10/100 Base TX to 100 Base FX SC duplex bridge adapter</td>
</tr>
</tbody>
</table>

Active Networking - Data Switches & Modules
*Active Networking - Interface Cards & Adapters*

**Gigabit Ethernet Express Card**

Part # 502788

**Network PC Cards**
Low power consumption for maximum battery life. Fits any Type II or Type III PCMCIA slot. Hot swappable. Full duplex speeds (20 Mbps, 200 Mbps).

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>520522</td>
<td>Fast Ethernet PC Card - Built-in RJ45 port (no dongle required) - Compatible to Windows 9x/2000/XP/2003 Server/MaxOS and Linux</td>
</tr>
<tr>
<td>150057</td>
<td>Gigabit PC Card - Built in Gigabit RJ45 port (no dongle required) - Compatible to Windows 2000/XP and 2003 Server</td>
</tr>
</tbody>
</table>

**10/100 PCI 32-Bit Ethernet Card, Realtek Chipset**

Part # NET-D30TX

**32-Bit 100 Base-T PCMCIA Card**
Connect your laptop or notebook to a network with this PCMCIA network adapter. Designed for any notebook PC with a PCMCIA or CardBus PC card slot. 10/100Mbps auto-negotiation eliminates the compatibility troubles. Ultra low power consumption. 32-bit bus-mastering data transfer.

Part # NET-H03D

**Fiber NICs**
Make the most of your server's processing power with one of Danpex's high performance fiber NICs. These PCI cards support high speed data transfer rates in either full or half-duplex modes.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAN-AFP1100</td>
<td>SC-Fiber, 100Base-Fx</td>
</tr>
<tr>
<td>DAN-AFP1200</td>
<td>ST-Fiber, 100Base-Fx</td>
</tr>
</tbody>
</table>

**Gigabit Ethernet NIC**
This economical high performance 1000Base-Tx Gigabit Ethernet NIC features plug-and-play installation. IEEE 802.3 10BASE-T, 802.3u 100BASE-TX and 802.3ab 1000Base-T compliant. Support 64/32-bit PCI Local Bus Master high-speed operation of Rev.2.1/2.2 specification. One RJ-45 connector. Supports 10/100/1000Mbps. Auto-negotiation operation. Supports full-duplex mode doubles network data rate to 20/200/2000Mbps. Built-in FIFO buffers reduces overhead of memory transfers.

Part # NET-G30TX32

**PCMCIA LAN, RJ45 Cable**
Replace your PCMCIA network card dongle with these high quality replacement cables. These cables feature a state of the art wiring design to ensure compatibility with the most popular laptop and notebook network cards. Easy to install. Molded RJ-45 connector.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIA-3CPTX</td>
<td>15 Pin, 3COM/USR, 7 - 100BT</td>
</tr>
<tr>
<td>CIA-3CPCTP</td>
<td>15 Pin, 3COM/USR, 7 - 10BT</td>
</tr>
<tr>
<td>CIA-EXM1</td>
<td>15 Pin, Xircom</td>
</tr>
<tr>
<td>CIA-EXM2</td>
<td>15 Pin, Xircom compatible with Xircom, Compaq and Intel network cards</td>
</tr>
<tr>
<td>CIA-EGN1</td>
<td>Works with USB and 3COM PCMCIA NIC’s</td>
</tr>
</tbody>
</table>

**PCMCIA RJ11 Modem Cable**
Use this high quality PCMCIA RJ-11 modem cable as a replacement cable. Easy to install.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIA-M021</td>
<td>2 Pin</td>
</tr>
<tr>
<td>CIA-M041</td>
<td>4 Pin</td>
</tr>
<tr>
<td>CIA-M071</td>
<td>7 Pin</td>
</tr>
<tr>
<td>CIA-M151</td>
<td>15 Pin</td>
</tr>
<tr>
<td>CIA-M152</td>
<td>15 Pin</td>
</tr>
<tr>
<td>CIA-M153</td>
<td>15 Pin</td>
</tr>
<tr>
<td>CIA-M161</td>
<td>16 Pin</td>
</tr>
</tbody>
</table>

**Cisco 10` Cables**
Connect your Cisco router to Serial WAN interface card with these quality cables. These cables are compatible with the Cisco 7000, 4000, 3600, 2500 and 1600 series. These cables also works with Cisco access servers and AccessPro PC cards.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-CAB-232FC</td>
<td>RS-232, DCE, Female</td>
<td>Male DB-60 connector on the Cisco end and a female DB-25 connector on the network end</td>
</tr>
<tr>
<td>CIS-CAB-232MT</td>
<td>RS-232, DTE, Male</td>
<td>Male DB-60 connector on the Cisco end and a female DB-25 connector on the network end</td>
</tr>
<tr>
<td>CIS-CAB-449FC</td>
<td>RS-449, DCE, Female</td>
<td>Male DB-60 connector on the Cisco end and a female DB-37 on the network end</td>
</tr>
<tr>
<td>CIS-CAB-530MT</td>
<td>RS-530, DTE, Male</td>
<td>Male DB-60 connector on the Cisco end and a male DB-25 connector on the network end</td>
</tr>
</tbody>
</table>

**Cable 10` Cables**
Connect your Cisco router to Serial WAN interface card with these quality cables. These cables are compatible with the Cisco 7000, 4000, 3600, 2500 and 1600 series. These cables also works with Cisco access servers and AccessPro PC cards.
**Active Networking - Interface Cards & Adapters**

**Cisco 10’ V.35 Cables**
These high performance and high quality replacements for Cisco router cables works with the Cisco 7000, 4000, 3600, 2500 and 1600 series. These cables are also compatible with Cisco access servers and AccessPro PC cards.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-CAB-V35FC</td>
<td>DCE, Female</td>
<td>Male DB-60 connector on the Cisco end and female Winchester connector on the network end</td>
</tr>
<tr>
<td>CIS-CAB-V35MT</td>
<td>DTE, Male</td>
<td>Male DB-60 connector on the Cisco end and female DB-25 connector on the network end</td>
</tr>
</tbody>
</table>

**Cisco Smart Serial 10’ V.35 Cables**
Connect your Cisco router to Serial WAN interface card with these quality cables. These cables feature a new, compact, high-density Smart Serial connector to support a wide variety of electrical interfaces.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-CAB-SSV35FC</td>
<td>DTE Female to Smart Serial</td>
<td></td>
</tr>
<tr>
<td>CIS-CAB-SSV35MT</td>
<td>DTE Male to Smart Serial</td>
<td></td>
</tr>
</tbody>
</table>

**10/100 Switching Managed Media Converters**
These are modular SNMP-managed media converter cards available with a variety of interfaces to provide copper-to-fiber conversion for mission critical networks. They are used to enable network managers to remotely monitor the status of their entire network via RJ-45 (in-band) or RS-232 (out of band) connection to the 065-1481 series SNMP Management Module included with every 065-1480 chassis system. Up to 18 managed media converters are supported in a single 2U-high chassis. Equipped with Link Fault Signaling (LFS) and Loopback Testing capabilities.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1400</td>
<td>10/100BaseT/TX to 100BaseFX Converter ST Multimode</td>
</tr>
<tr>
<td>065-1410</td>
<td>10/100BaseT/TX to 100BaseFX Converter SC Multimode</td>
</tr>
<tr>
<td>065-1420</td>
<td>10/100BaseT/TX to 100BaseFX Converter SC Singlemode (30 km span)</td>
</tr>
<tr>
<td>065-1420ED</td>
<td>10/100BaseT/TX to 100BaseFX Converter SC Singlemode (60 km span)</td>
</tr>
<tr>
<td>065-1476A</td>
<td>10/100BaseT/TX to 100BaseFX Converter WDM Singlemode (20 km span)</td>
</tr>
<tr>
<td>065-1476B</td>
<td>10/100BaseT/TX to 100BaseFX Converter WDM Singlemode (20 km span)</td>
</tr>
<tr>
<td>065-1476AED</td>
<td>10/100BaseT/TX to 100BaseFX Converter WDM Singlemode (30 km span)</td>
</tr>
<tr>
<td>065-1476BED</td>
<td>10/100BaseT/TX to 100BaseFX Converter WDM Singlemode (30 km span)</td>
</tr>
</tbody>
</table>

**18-Bay Rack Mount Managed Media Converter Chassis (cont.)**
The Signamax 065-1480 18-Bay Managed Media Converter Rack Mount Chassis provides full SNMP management capabilities for mission-critical installations. It provides 18 bays of space for all 065-14xx series Signamax managed media converters in a standard 2U high enclosure. It also includes the 065-1481 Management Module, which communicates with the Signamax 065-14xx series media converters on the chassis' backplane, providing full status information on the individual media converter's ports and allows the advanced management capabilities of the 065-14xx series managed media converters to be switched on or off remotely and individually. Two fully redundant, load-sharing power supplies are standard, to ensure continued availability of the media converters in the event of a power supply failure. The 065-1480 also ships standard with three fully redundant, load-sharing cooling fans to ensure reliable operation.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1480</td>
<td>18-Bay Rack Mount Managed Media Converter Chassis</td>
</tr>
<tr>
<td>065-1480DC</td>
<td>18-Bay Rack Mount Managed Media Converter Chassis, 48 V DC</td>
</tr>
</tbody>
</table>

**Fiber Optic Media Converters**
Reduces cabling cost by providing flexible, non-switched fiber optic solutions for Ethernet LANs and WAN connectivity. Models are available for direct connection to RJ-45 and fiber optic ports on either Ethernet or Fast Ethernet devices. Each is enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1100NS</td>
<td>100BaseTX to 100BaseFX ST Multimode</td>
</tr>
<tr>
<td>065-1110NS</td>
<td>100BaseTX to 100BaseFX SC Multimode</td>
</tr>
<tr>
<td>065-1120NS</td>
<td>100BaseTX to 100BaseFX Sc Singlemode (20 km span)</td>
</tr>
</tbody>
</table>

**16-Bay Media Converter Rack Mount Chassis**
Multi-functional chassis allows the same Media Converter to be used as either a standalone or as a rack mountable component. High port density. Either power supply is hot swappable and can be taken offline and removed from the unit while the Media Converters are operating. The intelligence in the power backplane maintains a constant voltage to the media converters' power bays. Ships standard with four load-sharing cooling fans. The mounting system's strong steel bay carriers firmly secure each Media Converter. The bay carriers also provide a positive metal-to-metal stop. The rugged design allows the carrier bay system to precisely align the converter to the power connector. A choice of power supply configurations, supporting AC power for 110 volt or 220 volt power systems or 48 volt DC power.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1185</td>
<td>18-Bay Rack Mount Managed Media Converter Chassis</td>
</tr>
</tbody>
</table>
Singlemode to Multimode Converters
Provides efficient solutions for interconnecting multimode fiber LANs over longer distances by integrating singlemode fiber optic cable into the LAN. They also enable Ethernet LAN and WAN connectivity, by providing a multimode interface to singlemode fiber carrier demarcation points. Enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1130</td>
<td>100BaseFX SC Singlemode (15 km span) to ST Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1130ED</td>
<td>100BaseFX SC Singlemode (40 km span) to ST Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1132XLD</td>
<td>100BaseFX SC Singlemode (75 km span) to ST Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1132</td>
<td>100BaseFX SC Singlemode (15 km span) to SC Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1132ED</td>
<td>100BaseFX SC Singlemode (40 km span) to SC Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1132XLD</td>
<td>100BaseFX SC Singlemode (75 km span) to SC Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1190</td>
<td>ATM 155 Mbps/SONET OC-3 SC Singlemode (20 km span) to SC Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1190HS</td>
<td>ATM 622 Mbps/SONET OC-12 SC Singlemode (20 km span) to SC Multimode</td>
<td></td>
</tr>
</tbody>
</table>

Switching Fiber Optic Media Converters with Link Fault Signaling
Ideal long distance connections between legacy 10BaseT networks and 10Base Fast Ethernet or 1000Base Gigabit Ethernet networks. Designed to handle a wide variety of fiber optic network applications. Built-in 10/100 or 10/100/1000 switch enables the fiber cable connection to operate at 100 Mbps connected to either a 10BaseT or a 100BaseTX network, while remaining completely 100BaseFX standard-compliant. 10/100 models now with Link Fault Signaling for use with managed switches.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1100</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Multimode</td>
</tr>
<tr>
<td>065-1110</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Multimode</td>
</tr>
<tr>
<td>065-1172</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>MT-RJ Multimode</td>
</tr>
<tr>
<td>065-1120</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Singlemode (15 km span)</td>
</tr>
<tr>
<td>065-1120ED</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Singlemode (40 km span)</td>
</tr>
<tr>
<td>065-1120XLD</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Singlemode (75 km span)</td>
</tr>
<tr>
<td>065-1196</td>
<td>10/100/1000BaseT/TX to 1000BaseFX Converter</td>
<td>SC Multimode</td>
</tr>
</tbody>
</table>

Switching Fiber Optic Media Converters with Link Fault Signaling & USB Power Option
These provide the means for an SNMP-Managed switch to recognize a failure on a fiber channel or twisted-pair connection, enabling the switch to automatically route to a backup path if the connected switch is equipped with Spanning Tree Algorithm. This intelligence maximizes the power of managed switches, and enables fail-safe design solutions for complex networks. These also extend the maximum singlemode fiber distance. The built-in 10/100 switch enables the fiber cable connection to operate at 100 Mbps connected to either a 10BaseT or a 100BaseTX network, while remaining completely 100BaseFX standard-compliant. Includes USB power port for flexibility in placement.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1100LFS</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>ST Multimode</td>
</tr>
<tr>
<td>065-1110LFS</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Multimode</td>
</tr>
</tbody>
</table>

Switching Fiber Optic Media Converters with Link Fault Signaling

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1120LFS</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Singlemode (15 km span)</td>
</tr>
<tr>
<td>065-1120EDLFS</td>
<td>10/100BaseT/TX to 100BaseFX Converter</td>
<td>SC Singlemode (40 km span)</td>
</tr>
</tbody>
</table>

Switching Single Fiber WDM Media Converters with Link Fault Signaling
Allows data normally carried over two strands of fiber optic cable to be carried over single strand of fiber optic cable, utilizing two different light spectra to carry signals in both directions simultaneously. This doubles the capacity of a company's fiber optic network. Available in singlemode only and span distances of up to 40 kilometers. Includes USB power port for flexibility in placement.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1176LFS</td>
<td>10/100BaseT/TX to 100BaseFX, SM/SC, 20 km, Tx=1310 nm; Rx=1550 nm</td>
<td></td>
</tr>
<tr>
<td>065-1176BLFS</td>
<td>10/100BaseT/TX to 100BaseFX, SM/SC, 20 km, Tx=1550 nm; Rx=1310 nm</td>
<td></td>
</tr>
<tr>
<td>065-1176ADELFS</td>
<td>10/100BaseT/TX to 100BaseFX, SM/SC, 40 km, Tx=1310 nm; Rx=1550 nm</td>
<td></td>
</tr>
<tr>
<td>065-1176BDELFS</td>
<td>10/100BaseT/TX to 100BaseFX, SM/SC, 40 km, Tx=1550 nm; Rx=1310 nm</td>
<td></td>
</tr>
</tbody>
</table>

Gigabit Ethernet Fiber Media Converters
Designed to expand the scope of your Gigabit Ethernet network applications and are 100% compliant with Ethernet IEEE 802.3ab and 802.3z specifications. Twisted pair to fiber optic converters for both multimode and singlemode fiber, multimode to singlemode converters and singlemode to singlemode extenders are available. UL Listed.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1194</td>
<td>1000BaseSX to 1000BaseLX Gigabit Ethernet SC Multimode to SC Singlemode Media Converter, 10 km span</td>
<td></td>
</tr>
<tr>
<td>065-1194ED</td>
<td>1000BaseSX to 1000BaseLX Gigabit Ethernet SC Multimode to SC Singlemode Media Converter, 20 km span</td>
<td></td>
</tr>
<tr>
<td>065-1195</td>
<td>1000BaseT to 1000BaseSX Gigabit Ethernet Media Converter, SC Multimode</td>
<td></td>
</tr>
<tr>
<td>065-1197</td>
<td>1000BaseT to 1000BaseLX Gigabit Ethernet Media Converter, SC Singlemode, 10 km span</td>
<td></td>
</tr>
<tr>
<td>065-1197ED</td>
<td>1000BaseT to 1000BaseLX Gigabit Ethernet Media Converter, SC Singlemode, 20 km span</td>
<td></td>
</tr>
<tr>
<td>065-1198XLD</td>
<td>1000BaseLX to '1000BaseLX Gigabit Ethernet Fiber Optic Repeater, SC Singlemode, 20 km each port</td>
<td></td>
</tr>
</tbody>
</table>
Active Networking - Media Converters & Transceivers

12-Channel Fiber Optic Media Converter

Perfect solution for large installations that utilize many of the same type of media converters. Contains 12 channels of media conversion in a standard rack mountable case only one rack unit high. Allows the maximum number of media converter channels per rack for enterprise-level businesses and carriers. Redundant fan-cooled power supplies ensure system uptime.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1200LC74</td>
<td>10/100Base-T/TX to 100Base-FX Converters LC Multimode</td>
</tr>
<tr>
<td>065-1200MT72</td>
<td>10/100Base-T/TX to 100Base-FX Converters MT-RJ Multimode</td>
</tr>
<tr>
<td>065-1200SC10</td>
<td>10/100Base-T/TX to 100Base-FX Converters SC Multimode</td>
</tr>
<tr>
<td>065-1200SC20</td>
<td>10/100Base-T/TX to 100Base-FX Converters SC Singlemode (40 km span)</td>
</tr>
<tr>
<td>065-1200ST00</td>
<td>10/100Base-T/TX to 100Base-FX Converters ST Multimode</td>
</tr>
<tr>
<td>065-1200SC20XLD</td>
<td>10/100 Base-T/TX to 100Base-FX SM/SC, 75 km</td>
</tr>
<tr>
<td>065-1200SC9S</td>
<td>1000Base-T to 1000Base-SX MM/SC</td>
</tr>
<tr>
<td>065-1200SC10DC</td>
<td>10/100Base-T/TX to 100Base-FX MM/SC, 2 km, 48V DC</td>
</tr>
<tr>
<td>065-1200MT72DC</td>
<td>10/100Base-T/TX to 100Base-FX MM/MT-RJ, 48V DC</td>
</tr>
<tr>
<td>065-1200LC74DC</td>
<td>10/100Base-T/TX to 100Base-FX MM/LC, 2 km, 48V DC</td>
</tr>
<tr>
<td>065-1200SC20DC</td>
<td>10/100Base-T/TX to 100Base-FX SM/SC, 15 km, 48V DC</td>
</tr>
<tr>
<td>065-1200SC20EDDC</td>
<td>10/100Base-T/TX to 100Base-FX SM/SC, 40 km, 48V DC</td>
</tr>
<tr>
<td>065-1200SC20XLDDC</td>
<td>10/100Base-T/TX to 100Base-FX SM/SC, 75 km</td>
</tr>
<tr>
<td>065-1200SC95DC</td>
<td>1000Base-T to 1000Base-SX MM/SC, 48V DC</td>
</tr>
</tbody>
</table>

PowerSense® PoE Midspan HUB AX-6000 Series

Safely and efficiently provides power over LAN Data Cabling for VoIP phones, Wireless Networking access points, IP security cameras and other remote network devices. Provides power to LAN devices without the use of an external power supply for each device. Power is supplied over the existing LAN data cabling system which increases the flexibility of installation and possible locations for such devices. The PowerSense Hub is a 3-slot or 1-slot chassis powering up to 24 devices. Each 8-port module is hot-swappable and modules may be added to the chassis without powering down the unit. Made with an all metal chassis. Operates on Category 5, 5e or 6 grade LAN Data Cable at standard Ethernet distances. Supports powered devices requiring the IEEE 802.3af Power over Ethernet Protocol.

Single Port Model with Removable Power Cord

Single power and data port, IEEE802.3af compatible, powers 1 end device

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-651</td>
<td></td>
</tr>
</tbody>
</table>

DIN-Rail Hardened Media Converters

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>065-1800TB</td>
<td>ST MM, 2 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1810TB</td>
<td>SC MM, 2 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1820TB</td>
<td>SC SM, 2 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1820XLDTB</td>
<td>SC SM, 75 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1820</td>
<td>SC SM, 20 km</td>
<td>110V Power Supply</td>
</tr>
<tr>
<td>065-1876ATB</td>
<td>WDM A Simplex SC/SM 20 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1876BTB</td>
<td>WDM B Simplex SC/SM 20 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1876AEDTB</td>
<td>WDM A Simplex SC/SM 40 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>065-1876BEDTB</td>
<td>WDM B Simplex SC/SM 40 km</td>
<td>24V DC Terminal Block</td>
</tr>
<tr>
<td>DC-1824-30W</td>
<td>30 Watt terminal block supply for 065-18XXTB Series-110V connection</td>
<td>24V DC</td>
</tr>
<tr>
<td>DC-1824-60W</td>
<td>60 Watt terminal block supply for 065-18XXTB Series-110V connection</td>
<td>24V DC</td>
</tr>
<tr>
<td>DC-1824-75W</td>
<td>75 Watt terminal block supply for 065-18XXTB Series-110V connection</td>
<td>24V DC</td>
</tr>
<tr>
<td>DC-1824-120W</td>
<td>120 Watt terminal block supply for 065-18XXTB Series-110V connection</td>
<td>24V DC</td>
</tr>
</tbody>
</table>

Part # Description

AX-6224 PowerSense Chassis, 3 slots, each slot holds one module
AX-6208 PowerSense Chassis, 1 slot, holds one module
AX-6108 6 Power and data ports - IEEE 802.3af compatible, 10/100 Mbs
AX-6108-RM Optional 19" rack mount kit for one slot chassis
AX-6508 8 Power and data ports - IEEE 802.3af compatible and two cover plates
AX-6524TELC0 24 Power and data ports - IEEE 802.3af compatible, 10/100 Mbs, one 50-pin Telco connector
AX-6524GIG 24 Power and data ports - IEEE 802.3af compatible, 10/100 Mbs, one 50-pin Telco connector
AX-6516GIG 16 Power and data ports - IEEE 802.3af compatible and one cover plate
AX-6508GIG 8 Power and data ports - IEEE 802.3af compatible and two cover plates
AX-6512HW4 12 Power and data ports - RJ45, IEEE, high power (36 watts per port), 10/100 Mbs
AX-6508HW4 8 Power and data ports - RJ45, IEEE, high power (36 watts per port) 10/100 Mbs
AX-6504HW4 4 Power and data ports - RJ45, IEEE, high power (36 watts per port) 10/100 Mbs
AX-6516HW4 16 Power and data ports - RJ45, IEEE, high power (36 watts per port) 10/100 Mbs
AX-6508HW4 8 Power and data ports - RJ45, IEEE, high power (36 watts per port) 10/100 Mbs
PowerSense® PoE Midspan Hub AX-8000 Series

Spare Chassis Modules - Individual - Fits One or Three Slot Chassis

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-6500</td>
<td>8 Power and data ports - RJ45, IEEE 802.3af compatible, 10/100 Mbs</td>
</tr>
<tr>
<td>AX-6500GIG</td>
<td>8 Power and data ports, RJ45, IEEE 802.3af compatible, 10/100/1000 Mbs</td>
</tr>
<tr>
<td>AX-6500HW4</td>
<td>4 Power and data ports - RJ45, IEEE, high power (37 watts per port) 10/100 Mbs</td>
</tr>
</tbody>
</table>

Chassis-Cover Plates of Unused Slots

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-6201</td>
<td>Single module cover plate - covers one module slot</td>
</tr>
</tbody>
</table>

PowerSense® PoE Midspan Hub AX-8000 Series (cont.)

Chassis Modules - Custom Power for Specific Products

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8300SNCRZ30N</td>
<td>Power and data module, supports SONY SNCRZ30N Camera, 12 volt</td>
</tr>
<tr>
<td>AX-8400IQYEYE3</td>
<td>Power and data module, supports IQinvision IQEYE3 Camera, 24 volt</td>
</tr>
<tr>
<td>AX-8400SP400101</td>
<td>Power and data module, supports Smarteye Camera, 24 volt</td>
</tr>
<tr>
<td>AX-8400MTR2400S</td>
<td>Power and data module, supports Motorola Canopy Wireless access points and controllers</td>
</tr>
</tbody>
</table>

Chassis-Cover Plates for Unused Slots

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8201</td>
<td>Single slot cover plate</td>
</tr>
<tr>
<td>AX-8202</td>
<td>Two slot cover plate</td>
</tr>
<tr>
<td>AX-8205</td>
<td>Five slot cover plate</td>
</tr>
<tr>
<td>AX-8206</td>
<td>Six slot cover plate</td>
</tr>
</tbody>
</table>

20 Slot Chassis - With 10 Standard Power Chassis Modules

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8320</td>
<td>20 Power and data modules - 12 volt protocol</td>
</tr>
<tr>
<td>AX-8420</td>
<td>20 Power and data modules - 24 volt protocol</td>
</tr>
<tr>
<td>AX-8520</td>
<td>20 Power and data modules - IEEE 802.3af compatible</td>
</tr>
<tr>
<td>AX-8620</td>
<td>20 Power and data modules - Cisco CDP protocol</td>
</tr>
</tbody>
</table>

10 Slot Chassis - With Ten Standard Power Chassis Modules

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8310</td>
<td>10 Power and data modules - 12 volt protocol</td>
</tr>
<tr>
<td>AX-8410</td>
<td>10 Power and data modules - 24 volt protocol</td>
</tr>
<tr>
<td>AX-8510</td>
<td>10 Power and data module - IEEE 802.3af compatible</td>
</tr>
<tr>
<td>AX-8610</td>
<td>10 Power and data modules - Cisco CDP protocol</td>
</tr>
</tbody>
</table>

Chassis Modules - Standard Power - For Devices up to 15.4 Watts - Uses 1 Slot

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8300</td>
<td>Power and data module, 12 volt protocol</td>
</tr>
<tr>
<td>AX-8400</td>
<td>Power and data module, 24 volt protocol</td>
</tr>
<tr>
<td>AX-8500</td>
<td>Power and data module, IEEE 802.3af compatible</td>
</tr>
<tr>
<td>AX-8600</td>
<td>Power and data module, Cisco CDP protocol</td>
</tr>
</tbody>
</table>

Chassis Modules - High Wattage - for Devices up to 20 Watts - Uses 2 Slots

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8300HW</td>
<td>Double wide power and data module, 12 volt protocol</td>
</tr>
<tr>
<td>AX-8500HW</td>
<td>Double wide power and data module - IEEE 802.3af compatible</td>
</tr>
<tr>
<td>AX-8600HW</td>
<td>Double wide power and data module, Cisco CDP protocol</td>
</tr>
</tbody>
</table>

PowerSense® PoE Midspan Hub AX-8000 Series (cont.)

Data and Power Splitting Y Cables - For 12 Volt Applications

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-820Y-01</td>
<td>2.5mm Plug for AXIS PTA-20, 2100, 2120</td>
</tr>
<tr>
<td>AX-820Y-02</td>
<td>2.1mm Plug for Vivotek PTV-20</td>
</tr>
<tr>
<td>AX-820Y-03</td>
<td>1.3mm Plug for Intellinet PTI-20</td>
</tr>
<tr>
<td>AX-820Y-04</td>
<td>No pug, bare wire for IVC 100</td>
</tr>
<tr>
<td>AX-820Y-05</td>
<td>Special connector for Symbol AP 41XX</td>
</tr>
<tr>
<td>AX-820Y-06</td>
<td>5.5mm Barrel w/1.0mm center - Sony SNC RZ30N, Sony P75-20, AXIS 2130</td>
</tr>
<tr>
<td>AX-820Y-07</td>
<td>MAXI 7 pin socket for SAVI products</td>
</tr>
<tr>
<td>AX-820Y-08</td>
<td>CONXALL 6 pin for SAVI SR-600-101</td>
</tr>
<tr>
<td>AX-820Y-09</td>
<td>1.0mm Plug for AXIS 205, 210, 230, 241Q/S, 250S</td>
</tr>
<tr>
<td>AX-820Y-10</td>
<td>2.1mm plug for 8&quot; power wire for Symbol AP 3020 series</td>
</tr>
</tbody>
</table>

PowerSense® PoE Midspan Hub AX-6000 Series

Spare Chassis Modules - Individual - Fits One or Three Slot Chassis

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<thead>
<tr>
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<tbody>
<tr>
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<td>AX-6500HW4</td>
<td>4 Power and data ports - RJ45, IEEE, high power (37 watts per port) 10/100 Mbs</td>
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Chassis-Cover Plates of Unused Slots

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<tr>
<th>Part #</th>
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<tbody>
<tr>
<td>AX-6201</td>
<td>Single module cover plate - covers one module slot</td>
</tr>
</tbody>
</table>

PowerSense® PoE Midspan Hub AX-8000 Series (cont.)

Chassis Modules - Custom Power for Specific Products

<table>
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<th>Part #</th>
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<tbody>
<tr>
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<td>Five slot cover plate</td>
</tr>
<tr>
<td>AX-8206</td>
<td>Six slot cover plate</td>
</tr>
</tbody>
</table>

Single Port Models - Standard Power Modules - For Devices up to 15.4 Watts - With Power Supply

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8351</td>
<td>Single power and data port - 12 volt power and data compatible</td>
</tr>
<tr>
<td>AX-8451</td>
<td>Single power and data port - 24 volt power and data compatible</td>
</tr>
<tr>
<td>AX-8651</td>
<td>Single power and data port - Cisco CDP protocol</td>
</tr>
</tbody>
</table>

Single Port Models - High Wattage - For Devices up to 20 Watts - With Power Supply

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8351HW</td>
<td>Double wide power and data module, 12 volt protocol</td>
</tr>
<tr>
<td>AX-8551HW</td>
<td>Double wide power and data module, IEEE 802.3af compatible</td>
</tr>
<tr>
<td>AX-8651HW</td>
<td>Double wide power and data module, Cisco CDP protocol</td>
</tr>
</tbody>
</table>

Data and Power Splitting Y Cables - For 12 Volt Applications

<table>
<thead>
<tr>
<th>Part #</th>
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<tbody>
<tr>
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<td>AX-820Y-06</td>
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<td>AX-820Y-07</td>
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</tr>
<tr>
<td>AX-820Y-10</td>
<td>2.1mm plug for 8&quot; power wire for Symbol AP 3020 series</td>
</tr>
</tbody>
</table>
Power Over Ethernet Converters
Allows standard IEEE 802.3af 48V input to be converted to a choice of 24volt, 12volt or 5volt outputs. The Belden product line offers a choice of power pin sizes, or 2 bare wires. An optional 6" Category 5e patch cord is also available.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-8868-24-00</td>
<td>24v to 24v, 2 bare ended power wires (for screw terminals)</td>
</tr>
<tr>
<td>AX-8868-24-01</td>
<td>48v to 24v, 2.5mm power pin on 4&quot; lead</td>
</tr>
<tr>
<td>AX-8868-12-00</td>
<td>48v to 12v, 2 bare ended power wires (for screw terminals)</td>
</tr>
<tr>
<td>AX-8868-12-01</td>
<td>48v to 12v, 2.5mm power pin on 4&quot; lead</td>
</tr>
<tr>
<td>AX-8868-05-00</td>
<td>48v to 5v, 2 bare ended power wires (for screw terminals)</td>
</tr>
<tr>
<td>AX-8868-05-01</td>
<td>48v to 5v, 2.5mm power pin on 4&quot; lead</td>
</tr>
</tbody>
</table>

Media Converters for Ethernet and Fast Ethernet
Media Converters enable the connection of dissimilar network cabling types, while maintaining the same network speed. A legacy Thinnet segment can be connected to a 10Base-T Hub or switch port with a AX-200 Converter or, link two different 10Base-T networks together over a multimode fiber optic link with a pair of AX-270s. Connect a legacy Thinnet segment over fiber with the AX-280 converter. The AX-5270 can be used for interbuilding links or attached to a fiber backbone.

<table>
<thead>
<tr>
<th>Part #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>AX-200</td>
<td>10Base-T/10Base2, RJ45 to BNC</td>
</tr>
<tr>
<td>AX-270</td>
<td>10Base-T/10Base-F, RJ45 to ST-compatible fiber connectors</td>
</tr>
<tr>
<td>AX-280</td>
<td>10Base2/10Base-F, BNC to ST-compatible fiber connectors</td>
</tr>
<tr>
<td>AX-9270SC</td>
<td>10Base-TX/100Base-FX, SC fiber connectors</td>
</tr>
<tr>
<td>AX-9270ST</td>
<td>10Base-TX/100Base-FX, ST-compatible fiber connectors</td>
</tr>
<tr>
<td>AX-9270LC</td>
<td>1000Base-TX/1000Base-FX, LC fiber connectors</td>
</tr>
<tr>
<td>AX-1912-MCR</td>
<td>Media converter rack, holds up to 12 converters and multi lead power supplies, 19&quot; rack-mount ready</td>
</tr>
<tr>
<td>AX-270P4U</td>
<td>Power supply, 4-lead 110v/12v, powers up to 4 converters</td>
</tr>
<tr>
<td>AX-270P8U</td>
<td>Power supply, 8 lead 110v/12v, powers up to 8 converters</td>
</tr>
</tbody>
</table>

Fast Ethernet Media Converters
Data transfer rate of 100 Mbps. One 10/100Base-TX RJ45 port, maximum distance 100 m. RJ45 port with Auto MDI/MDI-X support and auto-negotiation. Status LEDs for easy monitoring of device status. External power adapter.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>519120</td>
<td>10/100Base-TX to 100Base-FX (SC) Multimode, 2 km</td>
</tr>
<tr>
<td>519137</td>
<td>10/100Base-TX to 100Base-FX (SC) Singlemode, 30 km</td>
</tr>
<tr>
<td>519038</td>
<td>10/100Base-TX to 100Base-FX (ST) Multimode, 2 km</td>
</tr>
<tr>
<td>522875</td>
<td>10/100Base-TX to 100Base-FX (MT-RJ) Multimode, 2 km</td>
</tr>
<tr>
<td>519885</td>
<td>10/100Base-TX to 100Base-FX (SC) Singlemode, 30 km, WDM (RX1550/TX1310)</td>
</tr>
<tr>
<td>519892</td>
<td>10/100Base-TX to 100Base-FX (SC) Singlemode, 30 km, WDM (RX1310/TX1550)</td>
</tr>
<tr>
<td>519946</td>
<td>10/100Base-TX to 100Base-FX (LC) Singlemode, 60 km</td>
</tr>
<tr>
<td>519861</td>
<td>10/100Base-TX to 100Base-FX (SC) Singlemode, 90 km</td>
</tr>
<tr>
<td>519953</td>
<td>10/100Base-TX to 100Base-FX (LC) Singlemode, 90 km</td>
</tr>
<tr>
<td>519908</td>
<td>10/100Base-TX to 100Base-FX (LC) Singlemode, 120 km</td>
</tr>
<tr>
<td>519977</td>
<td>10/100Base-TX to 100Base-FX (LC) Singlemode, 120 km</td>
</tr>
<tr>
<td>519915</td>
<td>10/100Base-TX to 100Base-FX (SC) Singlemode, 150 km</td>
</tr>
<tr>
<td>519984</td>
<td>10/100Base-TX to 100Base-FX (LC) Singlemode, 150 km</td>
</tr>
</tbody>
</table>

HomePlug Turbo Ethernet Bridge
Network computers through existing power lines. Transparently connects Ethernet devices through the electrical system in the home. Expand your network by adding Power Line Ethernet Adapters. HomePlug 1.0 Compliant. Auto-MDI. Plug and Play. Secure data through 56-bit encryption. Will work with all versions of Windows and MAC OC.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>502641</td>
<td></td>
</tr>
</tbody>
</table>

Gigabit Ethernet Media Converters
Data transfer rate is 1000 Mbps. One 1000Base-T RJ45 port, maximum distances 100 m (Cat5e and better). RJ45 port with Auto MDI/MDI-X support. Status LEDs for easy monitoring of device status. External power adapter.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>515009</td>
<td>1000Base-T to 1000Base-SX (LC) Multimode, 220 m or 550 m</td>
</tr>
<tr>
<td>515924</td>
<td>1000Base-T to 1000Base-SX (SC) Multimode, 220 m</td>
</tr>
<tr>
<td>519922</td>
<td>1000Base-T to 1000Base-LX (SC) Multimode, 10 km, WDM (RX1550/TX1310)</td>
</tr>
<tr>
<td>519939</td>
<td>1000Base-T to 1000Base-LX (SC) Singlemode, 10 km, WDM (RX1310/TX1550)</td>
</tr>
</tbody>
</table>

Media Converter Chassis
Supports up to 16 media converters. Two slots for redundant power supplies (one power supply included). Bay power isolation electronically shields each bay and protects the media converters. 19" rackmount.

<table>
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<tbody>
<tr>
<td>519854</td>
<td></td>
</tr>
</tbody>
</table>

Economy Ethernet Media Converters
Convert Ethernet media. Status LEDs. External power adapter. Converters can be used stand-alone.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>501019</td>
<td>10/100Base-TX to 100Base-FX (SC) Multimode</td>
</tr>
<tr>
<td>501026</td>
<td>10/100Base-TX to 100Base-FX (ST) Multimode</td>
</tr>
</tbody>
</table>
Active Networking - Media Converters & Transceivers

**PoE Midspans**
Provides the ease of installation, automatic detection of 802.3af capable powered devices, power management, and Secure Remote management (SNMPv3) capability (6- and 24-port only) that secure your network infrastructure needs. Available in 1-, 6-, and 24-ports. Leviton PoE Midspans connect to and power 802.3af compliant Ethernet equipment such as VoIP phones, WAPS, IP video cameras, and IP clocks without the need for an external power supply.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M3001-1UB</td>
<td>Power over Ethernet Midspan, 1-Port</td>
</tr>
<tr>
<td>M3006-1UB</td>
<td>Power over Ethernet Midspan, 6-Port</td>
</tr>
<tr>
<td>M3024-1UB</td>
<td>Power over Ethernet Midspan, 24-Port</td>
</tr>
</tbody>
</table>

**100Base-Fx to 10/100 RJ45 Media Converters**
These 100Mbps Fast Ethernet Fiber Media Converters offer a simple and cost-effective method for extending your Fast Ethernet network over fiber cables. Truly plug-and-play devices, no jumper or switch setting is required and Full-Duplex and Half-Duplex operating mode will automatically adjust depending on the connected devices.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET-GCH21ST</td>
<td>Media Converter, MM, ST-Fiber</td>
</tr>
<tr>
<td>NET-GCH21SC</td>
<td>Media Converter, MM, SC-Fiber</td>
</tr>
<tr>
<td>NET-GCH01SCS</td>
<td>Media Converter, SC-Fiber, Singlemode</td>
</tr>
</tbody>
</table>

**100Base-T Media Converters**
Converters from Danpex provide a perfect way to bring fiber to workstations and servers. These converters support a bandwidth of up to 200Mbps and a transmission distance of up to 2km over multi-mode fiber and up to 15km over single-mode fiber.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET-GCH01SC</td>
<td>SC-Fiber, 100Base-Tx</td>
</tr>
<tr>
<td>NET-GCH01ST</td>
<td>ST-Fiber, 100Base-Tx</td>
</tr>
</tbody>
</table>

**Active Networking - Broadband Modems & Routers**

**ADSL2+ High Speed Internet Router**

Part # 522625

**DSL/Cable Modem Router**
Built-in firewall protection and secure gateway. DHCP server assigns IP addresses for all LAN users. virtual server settings for internet applications. 4 port 10/100 switch with uplink to connect to another hub for larger networks. Easy installation through web-based user interface. Supports VPN pass through and fast DSL.

Part # 523295

**RJ45 to RJ58 BNC Media Converter**
This Media Converter features 4 Diagnostic LED indicators to provide clear and quick diagnosis if any network problems occur. Media translator that translates the signals between Ethernet 10Base-T UTP and thinnet Ethernet 10Base-2 coaxial medium. Use existing coax and UTP cabling in the same network.

Part # DAN-CEM0100

**10 Base T Fiber Converter**
Conforms to IEEE 802.3u 100Base-TX, 100Base-FX Ethernet standards. Converts UTP cabling to 100Base-FX (fiber) cabling. Two RJ-45 connectors, MDI and MDI-X port for UTP. One SC/ST/MT-RJ/VF-45 multi-mode fiber Connector or SC single-mode fiber Connector. 4 Diagnostic LEDs for Power, TX Link/Act, FX Link/Act, FDx. Support multi-mode fiber connectivity up to 2km or single-mode fiber connectivity for longer distance. External DC power adapter.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADL-100BT2FST-MM</td>
<td>ST Connector/Multimode - max dist. 2km</td>
</tr>
<tr>
<td>ADL-100BT2FSC-MM</td>
<td>SC Connector/Multimode - max dist. 2km</td>
</tr>
<tr>
<td>ADL-100BT2FSC-SM</td>
<td>SC Connector/Singlemode - max dist. 60km</td>
</tr>
</tbody>
</table>

**10/100 Switch with 100Base T Fiber Converter**
5x 10/100Mbps fast ethernet UTP switch ports. MDI uplink port for easy expansion. One 100Mbps Fast Fiber (SC/SC singlemode/ST/MT-RJ/VF-45) port. One dip-switch to select fiber port full-duplex or half-duplex mode. N-Way auto-negotiation supported. Full-duplex and half-duplex supported. Store-and-Forward switching architecture for abnormal packet filtering. Full wire speed forwarding rate. 4K entry MAC address table. 256KB memory buffer. LED indicators for Power, 10/100M, LK/ACT, FD/COL statuses. Compact palm size: 6.5”, 165mm x 100mm x 24mm (LxWxH).

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWH-110MT-5</td>
<td>MTRJ connector + 5 ports 10/100 switch</td>
</tr>
<tr>
<td>SWH-100VF-5</td>
<td>VF-45 connector + 5 ports 10/100 switch</td>
</tr>
<tr>
<td>SWH-100SC-5</td>
<td>SC connector + 5 ports 10/100 switch</td>
</tr>
<tr>
<td>SWH-110ST-5</td>
<td>ST connector + 5 ports 10/100 switch</td>
</tr>
</tbody>
</table>

**Wireless G ADSL2+ High Speed Internet Router**

Part # 522854

**Wireless Super G Router**
Compatible with all 802.11b and g wireless products. Shares one DSL/cable modem broadband internet connection with multiple wireless or wired clients. Robust wireless LAN security. Simple web configuration. Connector on back.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>502566</td>
<td>Up to 108 Mbps network data transfer rate</td>
</tr>
<tr>
<td>521666</td>
<td>Up to 54 Mbps network data transfer rate</td>
</tr>
</tbody>
</table>
MIMO Wireless Turbo G Router
Shares one internet connection with multiple wireless or wired clients. MIMI XR technology for enhanced wireless coverage. Packet-OVERDRIVE Turbo Mode technology for enhanced wireless throughput. Two 5 dBi antennas for superior signal reception. One 5 dBi antenna for high power signal transmission. 54 Mbps network data transfer rate. Enhanced 802.11g/b performance with 4 port 10/100 switch and QoS.
Part # 502207

Cable/DSL Broadband Router with 4-Port 10/100 Switch
Broadband Router and IP sharing - connects multiple computers to a broadband Cable/DSL modem to surf the Internet. Supports PPPoE (PPP over Ethernet) for DSL Internet service. Native Firewall - all unwanted packets from outside intruders are blocked to protect your Intranet. Web-based configuration - configurable through any networked computer's web browser. Access Control supported - assign different access rights for different users groups. Virtual Server supported - Enable you to expose WWW, FTP and other servers/services on your LAN to be accessible to Internet users. DMZ Host supported - allow a networked computer to be fully exposed to the Internet for unrestricted 2-way communications.
Part # NET-GR104

WLAN + 4 Port Wireless Broadband Router
Part # NAP-7000

Active Networking - Wireless

Wireless SuperG Access Point/Bridge
Connects a wireless network to a traditional wired network. 10/100Mbps Fast Ethernet port. Allows for greater distance between wireless PCs. 10 times faster than 802.11b wireless. Backward compatible with all 802.11b and g wireless products. Simple Web Based Configuration. LEDs for power, speed, 802.11b/g. Supports bridge mode. Detachable antenna.
Part # 522755

Extended Range Wireless G USB Adapter
802.11 g, 54 Mbps. Up to 6 times the range of the wireless USB adapters. Up to 54 Mbps network data transfer rate. Compatible with all 802.11 b & g wireless products. 64/128-bit Wired Equivalent Privacy (WEP) data encryption. Windows 98Se/2000/Me/XP compatible.
Part # 501545

Wireless Super G PC Card
Up to 10 times faster than 802.11b. Up to 108 Mbps network data transfer rate. Compatible with all 802.11 b & g wireless products. 64/128-bit Wired Equivalent Privacy (WEP) data encryption. Windows 98Se/2000/Me/XP compatible.
Part # 501668

Wireless G USB Adapter
Connects your notebook or PC to a wireless network. Up to 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Supports WPA, WEP and AES security. Windows 98Se/2000/Me/XP compatible.
Part # 521499
### Active Networking - Wireless

**Wireless Super G PCI Card**  

**Part #** 501682

**Wireless G PCI Card**  
Connects your desktop PC to a wireless network. 802.11g, 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Detached antenna for greater range. Supports WPA, WEP and AES security. Windows 98SE/2000/Me/XP compatible.  

**Part #** 500517

**Wireless G PC Card**  
Connects your notebook to a wireless network. 802.11g, 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Supports WPA, WEP and AES security. Windows 98SE/2000/Me/XP compatible.  

**Part #** 505314

**Indoor Omni-Directional Antenna**  
5 dBi gain antenna. Ideal for increasing wireless network range and speed. RP-SMA type female connector. 360° horizontal and 29° vertical beam width. For pole, wall and magnet mounting. 8 in.  

**Part #** 502290

**High-Gain Omni-Directional Antennas**  
Ideal for increasing wireless network range and speed. N-type female connector. 360° horizontal beam width.  

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>500432</td>
<td>5 dBi gain antenna - 2.4 GHz frequency range - 32° vertical beam width - length is 13 in.</td>
</tr>
<tr>
<td>521413</td>
<td>8 dBi gain antenna - 2.4 GHz frequency range - 15° vertical beam width - length is 2 ft.</td>
</tr>
</tbody>
</table>

**High-Gain Omni-Directional Antenna**  
12 dBi gain antenna. Ideal for increasing wireless network range and speed. Weatherproof and corrosion resistant. N-type female connector. 360° horizontal and 7° vertical beam width.  

**Part #** 502306

**Hi-Gain Directional Indoor Antenna**  
Eliminate weak and dead spots in any wireless network. 6 dBi gain antenna extends wireless transmission distance. 2.4 GHz frequency range. 100 cm (40 in.) cord. RP-SMA type female connector is compatible with most wireless access points and network adapters. 80° horizontal and vertical beam width.  

**Part #** 501538

**High-Gain Omni-Directional Antennas**  
Ideal for increasing wireless network range and speed. N-type female connector. 360° horizontal beam width.  

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>500432</td>
<td>5 dBi gain antenna - 2.4 GHz frequency range - 32° vertical beam width - length is 13 in.</td>
</tr>
</tbody>
</table>

**High-Gain Panel Directional Antenna**  
2.4 GHz, 9 dBi. Ideal for building-to-building wireless connections. Weatherproof and corrosion resistant. N-type female connector. 45° horizontal and vertical beam width. Includes 45 cm (1.5 ft.) cable. For pole and wall mounting. Lifetime Warranty.  

**Part #** 521383

**High-Gain Panel Directional Antenna 2.4 GHz, 18 dBi**  
18 dBi gain antenna. Ideal for building-to-building wireless connections. Weatherproof and corrosion resistant. N-type female connector. 18° horizontal and vertical beam width. Includes 45 cm (1.5 ft.) cable. For pole and wall mounting. Lifetime Warranty.  

**Part #** 502313

**USB to 100M Bluetooth Adapter**  
Allows you to easily make wireless connections with other Bluetooth devices, such as desktop or notebook PCs, PDAs, scanners, printers and mobile phones up to 100 meters away. Simply plug this compact adapter into your computer's USB port to enjoy the freedom and flexibility of Bluetooth wireless technology. Supports WIN98se/Me/2000/XP.  

**Part #** USB-1530

**USB Wireless Dongle Adapter**  
802.11A, 802.11B, 802.11G, 802.11H, 802.11E compatible. USB2.0 compatible. Extended frequency range for worldwide use. Supports Windows 98, 2000, ME and XP.  

**Part #** NAP-7010

**PCMCIA Wireless Laptop Card**  
802.11A, 802.11B, 802.11G, 802.11H, 802.11E seamless roaming between networks. Supports WPA, AES, WPA2, TKIP, WEP, IEEE 802.11i security specs. Low power operation and sleep modes. Supports Windows 98, 2000, ME and XP.  

**Part #** NAP-7020
**Active Networking - Wireless**

**Wireless Ethernet Notebook Adapter**
Easily plugs in to any PCMCIA slot. Compliant with IEEE802.11b (DSSS) standard for 2.4GHz Wireless LAN. Full mobility and seamless cell-to-cell roaming. Compliant with PCMCIA PC Card Type II. Integrated antenna for maximum availability and reliability of connection. External detachable antenna. Support PCI 2.2 Wake On LAN. Ensures greater security by providing the 128/64-bit WEP (Wired Equivalent Privacy), TKIP & AES encryption.

Part # NET-WE320

**PCI Wireless Ethernet Card**

Part # NET-WP420

**4-Port Wireless Ethernet Access Point, Router & Switch**
Works with IEEE 802.11b, 802.3 and 802.3u compliant devices. Dynamically support 11, 5.5, 2 and 1Mbps wireless data rate. NAT/NETIP IP sharing. Integrate wired and wireless Ethernet LAN networks. Provide IEEE802.1X enhanced WLAN security. Built in DHCP server for auto IP address assignment. Built-in 4-port 10/100 Ethernet Switch.

Part # NET-WR400

**USB Wireless Ethernet Adapter**
Compliant with IEEE802.11b (DSSS) standard for 2.4GHz Wireless LAN. Delivers data rate up to 11 Mbps. Dynamically shifts between 11, 5.5, 2, and 1 Mbps network speed. Supports window 98/2000/ME/XP. Plug and Play.

Part # NET-WU220

---

**Active Networking - KVM Switches**

**Mini KVM Switches**
Simply plug in the attached cables - nothing else required! Full keyboard and mouse emulation for error-free booting. Hot key commands and LED indicators for computer selection. No software or power required. Supports video resolution up to 2048 x 1536. Compatible with all operating systems.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>500753</td>
<td>2 Port PS/2</td>
</tr>
<tr>
<td>500852</td>
<td>2 Port PS/2 With Audio</td>
</tr>
<tr>
<td>502528</td>
<td>4 Port, PS/2</td>
</tr>
<tr>
<td>500869</td>
<td>2 Port USB with Audio (console connection via PS/2)</td>
</tr>
<tr>
<td>500876</td>
<td>2 Port USB - PS/2 with Audio</td>
</tr>
<tr>
<td>500890</td>
<td>2 Port USB with Audio &amp; Data Link (console connection via PS/2)</td>
</tr>
</tbody>
</table>

**KVM Switch**
3-in-1 cables included. No software required, works independently of computer operating systems. Switch between PCs with the press of a button or a keyboard "hot key" commands. Supports 1920 x 1440 high resolution. Slim desktop design with all cables at the rear saves desktop space.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>156745</td>
<td>2 port, compact with cables</td>
</tr>
<tr>
<td>156752</td>
<td>4 port, compact with cables</td>
</tr>
</tbody>
</table>

**KVM Switches (cont.)**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>156721</td>
<td>4 Port, Desktop with On-Screen Display</td>
</tr>
<tr>
<td>156738</td>
<td>8 Port, Rackmount with On-Screen Display</td>
</tr>
<tr>
<td>157858</td>
<td>16 Port, Rackmount with On-Screen Display</td>
</tr>
</tbody>
</table>

**Digital KVM over IP Switch**
Remote management for servers and PCs using any standard web browser. Connects to a standard KVM switch (and cascaded KVM switches). SSL data encryption for secure connections. Local console connection (through PS/2 and VGA ports). Supports video resolutions up to 1600 x 1200 @ 60 Hz. Supports IPMI 1.1 (Intelligent Platform Management Interface).

Part # 505123

**DVI KVM Switch**
Control 2 USB computers with one PS/2 keyboard, PS/2 mouse and DVI-I video monitor. Easy switching via "hot keys" or logically designed push-button selectors. Flash upgradeable for firmware compatibility. Built-in microphone and speaker jacks for multimedia environments. LEDs for easy monitoring of select computers. No software required to install. Supports digital video resolutions of up to 1600 x 1200. Supports Windows 98/2000/Me/XP, Free BSD, Linux.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>156059</td>
<td>2 Port with Audio</td>
</tr>
<tr>
<td>156066</td>
<td>4 Port with Audio</td>
</tr>
</tbody>
</table>
Active Networking - KVM Switches

3-in-1 Cables for Automatic KVM Switches
Keyboard, monitor and mouse all in one cable.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>205009</td>
<td>2xMD6M &amp; HD15M to 2xMD6M &amp; HD15F, 6 ft.</td>
</tr>
<tr>
<td>205016</td>
<td>2xMD6M &amp; HD15M to 2xMD6M &amp; HD15F, 10 ft.</td>
</tr>
</tbody>
</table>

2-in-1 Cables for USB KVM Switches
Connects a USB KVM switch to a PC. Monitor cable HD15 male to HD15 male, molded triple shielded (3 coaxial conductors). USB Cable A male to B male, molded, shielded, High-Speed USB.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370691</td>
<td>6 ft.</td>
</tr>
<tr>
<td>370677</td>
<td>10 ft.</td>
</tr>
<tr>
<td>370684</td>
<td>15 ft.</td>
</tr>
</tbody>
</table>

USB KVM Switches
Works with MAC and PC simultaneously. Built-in USB hub allows you to share USB devices among the connected computers, the selected computer has access to the shared USB devices. No software required. Works independently from computer operating systems. Supports up to 1920 x 1440 resolution. Switch between PCs with the push of a button. Requires one 2-in-1 spider cable for each computer.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>157896</td>
<td>2 port, Desktop, USB</td>
</tr>
<tr>
<td>157899</td>
<td>4 port, USB</td>
</tr>
<tr>
<td>157872</td>
<td>4 port USB, 3 Port PS/2 combo</td>
</tr>
</tbody>
</table>

KVM Manual Switchboxes
A great way to share a printer or any other peripheral from your desk. These can be set up to permit multiple PCs to share one peripheral, or to share multiple peripherals from one PC.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWB-3900</td>
<td>HDB15/Din5/Din9 AB, AT Key/VGA/Mouse</td>
</tr>
<tr>
<td>SWB-3950</td>
<td>HDB15/Din5/Din9 ABCD, AT Key/VGA/Mouse</td>
</tr>
<tr>
<td>SWB-3970</td>
<td>HDB15/Din6/Din6 AB, PS/2 Key/VGA/Mouse</td>
</tr>
<tr>
<td>SWB-3990</td>
<td>HDB15/Din6/Din6 ABCD, PS/2 Key/VGA/Mouse</td>
</tr>
</tbody>
</table>

Micro KVM Auto Switch
This self-powered KVM features complete mouse and keyboard emulation to guarantee flawless boot ups and two lift three-in-one cables to make installation a snap. Simple Hot-Key commands allow you to quickly and easily switch between PCs. Ultra-high video bandwidth supports resolutions up to 2048 X1536.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWB-9000</td>
<td>2-Port, PS/2, w/5’ cables</td>
</tr>
<tr>
<td>SWB-9002</td>
<td>2-Port, PS/2, metal mini desktop, w/cables</td>
</tr>
<tr>
<td>SWB-9004</td>
<td>4-Port, PS/2, metal desktop, w/cables &amp; power supply</td>
</tr>
<tr>
<td>SWB-9008</td>
<td>8-port, PS/2, metal desktop or rackmount, w/power supply, not daisy-chainable</td>
</tr>
<tr>
<td>SWB-9008D</td>
<td>8-port, PS/2, metal desktop or rackmount, w/power supply, daisy-chainable</td>
</tr>
<tr>
<td>SWB-9000A</td>
<td>With audio</td>
</tr>
<tr>
<td>SWB-9000AU</td>
<td>USB with audio</td>
</tr>
<tr>
<td>SWB-9008-KIT</td>
<td>KVM Auto Switch Kit, 8-port, PS/2, w/cables</td>
</tr>
</tbody>
</table>

I/O Gear 2-Port Miniview Micro KVM Switch
This self-powered KVM features Video Signal Enhancement technology which allows for resolution of up to 1920 x 1440. Use one keyboard, monitor and mouse to control two computers. Connected PCs can be added or removed from the setup without powering off the KVM switch. Plug-n-Play monitor support. Keyboard lock states are stored for each computer, LEDs allow for easy status monitoring, PS/2 only.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATN-G-CS102U</td>
<td>2-Port, includes cables</td>
</tr>
<tr>
<td>ATN-G-CS104U</td>
<td>4-Port, include cables</td>
</tr>
<tr>
<td>ATN-G-CS138</td>
<td>8-Port, PS/2, OSD</td>
</tr>
<tr>
<td>ATN-G-CS1712</td>
<td>2-Port, w/peripheral sharing, includes cables</td>
</tr>
<tr>
<td>ATN-G-CS1714</td>
<td>4-Port, w/peripheral sharing, includes cables</td>
</tr>
<tr>
<td>ATN-G-CS182</td>
<td>2-Port, PS/2 &amp; AT, Audio, includes cables</td>
</tr>
<tr>
<td>ATN-G-CS82A</td>
<td>2-Port, premium, PS/2, includes cables</td>
</tr>
<tr>
<td>ATN-G-CS84A</td>
<td>4-Port, PS/2, Premium, includes cables</td>
</tr>
</tbody>
</table>

I/O Gear KVM Auto Switches
These plug and play USB KVM allows computers to share up to 8 USB peripherals and is perfect for PC and Mac cross platform applications.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATN-G-CS12KIT</td>
<td>2-Port</td>
</tr>
<tr>
<td>ATN-G-CS14KIT</td>
<td>4-Port</td>
</tr>
<tr>
<td>ATN-G-CS138-KIT</td>
<td>8-Port, OSD</td>
</tr>
</tbody>
</table>

I/O Gear PS/2 KVM Auto Switch Kits
Use to control up to 8 PCs from a single keyboard, monitor and mouse. Cables included. Front panel pushbuttons or hot key for PC selection. LED display for easy status monitoring. Maximum video resolution of 1920 x 1440. Mouse and keyboard emulation for system boot-up. Supports VGA, SVGA and MultiSync monitors. Up to three level cascadable.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATN-G-CS12KIT</td>
<td>2-Port</td>
</tr>
<tr>
<td>ATN-G-CS14KIT</td>
<td>4-Port</td>
</tr>
<tr>
<td>ATN-G-CS138-KIT</td>
<td>8-Port, OSD</td>
</tr>
</tbody>
</table>

PS/2 KVM Cables & Extension Cables
Minimize desktop and server room clutter with these three-in-one molded KVM cables. These economical cables feature color-coded connectors for easy installation and provide the best way to connect your workstations and servers to your KVM. XX = Available lengths in feet.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Available Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWB-9500-(XX)</td>
<td>HB15 M/F, (2) Din6 M/M</td>
<td>06, 10, 15</td>
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<tr>
<td>SWB-9600-(XX)</td>
<td>HB15 M/M, (2) Din6 M/M</td>
<td>06, 10, 15</td>
</tr>
<tr>
<td>SWB-9700-(XX)</td>
<td>Extension Cable, HB15 M/F, (2) Din6 M/F</td>
<td>06</td>
</tr>
</tbody>
</table>
**KVM Switch**

Controls PCs with one PS/2 keyboard, PS/2 Mouse and Monitor. Easy to install. Auto scan function to monitor PC operation. Port selected indication LED Auto skip over power offered. Beep sound on/off for port selection. Auto Navigator for OS check mouse type & ID. Supports Microsoft IntelliPoint 4.0 Mouse Driver & Logitech Mouse Ware Driver. Supports Window 95/98/98SE/Me NT4.0/2000/XP, DOS, Linux, Netware. Supports standard PS/2 Mouse, Microsoft IntelliMouse, WheelMouse Optical, Trackball & Logitech Trackman, Cordless MouseMan, Cordless TrackMan Mouse.

Part # VKM-E201M

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**Video, Keyboard & Mouse Multiplex Data Switch Boxes**

CPUs sharing electronic switches. Plug and play, power free. Monitor up to 128 PCs via one console. Supports both PS/2 and serial mouse as well as PC/AT and PS/2 keyboards. Work with a full range of VGA monitors. Supports VESA DDC1/2B standard. Economic type.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VKM-201MNE</td>
<td>2 to 1 non-extendable</td>
</tr>
<tr>
<td>VKM-201UTP</td>
<td>2 to 1 UTP remote</td>
</tr>
<tr>
<td>VKM-E201</td>
<td>2 to 1 CPU</td>
</tr>
<tr>
<td>VKM-E401</td>
<td>4 to 1 CPU</td>
</tr>
<tr>
<td>VKM-E601</td>
<td>6 to 1 CPU</td>
</tr>
</tbody>
</table>

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**Video, Mouse & Keyboard Combined Cables**

2 PS/2 ends, one VGA end. Three in one ZIP cable. Color coded PS/2 ends (green & purple) & Icon marking to differentiate between mouse and keyboard port. Use for KVM switches or extending existing connections. XX = available footage in feet.

**VKM Cables**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Available Lengths (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-VKMC-(XX)</td>
<td>Combo &quot;A&quot; to &quot;A&quot;</td>
<td>03, 06, 12, 18, 25</td>
</tr>
<tr>
<td>S-VKMC-MF-(XX)</td>
<td>Combo &quot;A&quot; to &quot;B&quot;</td>
<td>03, 06, 12</td>
</tr>
<tr>
<td>S-VKMC-VMF-(XX)</td>
<td>Combo &quot;A&quot; to &quot;C&quot;</td>
<td>03, 06, 12, 18, 25</td>
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</tbody>
</table>

**VKM Cables Ultra Thin Version**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Available Lengths (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-VKMU-(XX)</td>
<td>Combo &quot;A&quot; to &quot;A&quot;</td>
<td>03, 06, 12, 18</td>
</tr>
<tr>
<td>S-VKMU-VMF-(XX)</td>
<td>Combo &quot;A&quot; to &quot;C&quot;</td>
<td>03, 06, 12, 18</td>
</tr>
</tbody>
</table>

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**8 Port (1U) Rackmount KVM Switch**

Controls up to 512 PCs or servers. Delivers on-screen display control. PS/2, AT, Sun and USB compatible. Simple plug-and-play setup requires no complicated software and hot-pluggable capability allows you to add or remove PCs or servers without powering down. Compatible with all major operating systems and supports most keyboards and mice. 8 Ports. 8 LEDs (on-line/selected mode).

Part # B007-008

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**NetDirector™ Network KVM Command Centers**

Control up to 512 PCs or servers. Deliver on-screen display control. PS/2, Sun & USB compatible. Maintains strict security over the largest installations with a two-level password security feature. Compatible with all major operating systems.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Ports</th>
<th>Cabinet Style</th>
<th>LEDs (On-Line/Selected Mode)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B020-008</td>
<td>8</td>
<td>1U Rack Console</td>
<td>8/8</td>
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<tr>
<td>B020-016</td>
<td>16</td>
<td>1U Rack Console</td>
<td>16/16</td>
</tr>
<tr>
<td>B022-016</td>
<td>16</td>
<td>1U Rack</td>
<td>16/16</td>
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