







MACH4000 Gigabit Backbone Layer 2/3 Rack-Mount Switch Configurations

Fast Ethernet Ports, Gigabit Ethernet Uplink Ports, and 10 Gigabit Uplink Ports

| MACH4000 – High Density Layer 2/3 Gigabit Backbone Switch Chassis | | | |
|---|-------------|----------------------------------|--|
| Part No. | Order No. | Layer/Software | Description |
| MACH4002-24G-L2P | 943 916-101 | Layer 2, Professional Management | Fixed ports: 8 x Gigabit Ethernet combo ports* (SFP dual speed socket or TP 10/100/1000 Mbit/s) |
| MACH4002-24G-L3E | 943 916-201 | Layer 3, Enhanced Management | Media modules: 2 x sockets (8 ports max each) for total 16 ports 10/100/1000 Mbit/s (Media modules sold separately – see Media modules below. For software functionality – see page 43) |
| MACH4002-24G-L3P | 943 916-301 | Layer 3, Professional Management | |
| MACH4002-24G+3X-L2P | 943 915-101 | Layer 2, Professional Management | Fixed ports: 3 x 10Gigabit Ethernet XFP socket and 8 Gigabit Ethernet ports, TP/RJ45 10/100/1000 Mbit/s |
| MACH4002-24G+3X-L3E | 943 915-201 | Layer 3, Enhanced Management | Media modules: 2 x sockets (8 ports max each) for total 16 ports 10/100/1000 Mbit/s (Media modules sold separately – see Media modules below. For software functionality – see page 43) |
| MACH4002-24G+3X-L3P | 943 915-301 | Layer 3, Professional Management | |
| MACH4002-48G-L2P | 943 911-101 | Layer 2, Professional Management | Fixed ports: 16 Gigabit Ethernet (8 Gigabit Ethernet combo ports* 100/1000 Mbit/s, SFP dual speed socket or 10/100/1000 Mbit/s + 8 Gigabit 10/100/1000 Mbit/s RJ45) |
| MACH4002-48G-L3E | 943 911-201 | Layer 3, Enhanced Management | Media modules: Four sockets (8 ports max each) for total 32 ports 10/100/1000 Mbit/s (Media modules sold separately – see Media modules below. For software functionality – see page 43) |
| MACH4002-48G-L3P | 943 911-301 | Layer 3, Professional Management | |
| MACH4002-48G+3X-L2P | 943 878-101 | Layer 2, Professional Management | Fixed ports: Three 10Gigabit Ethernet XFP sockets and 16 Gigabit Ethernet ports (10/100/1000 Mbit/s RJ45) |
| MACH4002-48G+3X-L3E | 943 878-201 | Layer 3, Enhanced Management | Media modules: Four sockets (8 ports max each) for total 32 ports 10/100/1000 Mbit/s (Media modules sold separately – see Media modules below. For software functionality – see page 43) |
| MACH4002-48G+3X-L3P | 943 878-301 | Layer 3, Professional Management | |

NOTE: *Fan module is included in each chassis. Please purchase media modules and power supply separately. See Accessories for SFPs + XFP. Configuration will dictate final port count and media type.

MACH4000 Media Modules

| MACH4000 Media Modules | | | |
|---|----------------------|-------------|--|
| Product | Part No. | Order No. | Ports |
|  | M4-8TP-RJ45 | 943 863-001 | 8 x 10/100/1000 Mbit/s RJ45 (no 1000 Mbit/s with MACH4002 48+4G) |
|  | M4-FAST 8-SFP | 943 864-001 | 8 x 100 Mbit/s SFP sockets* |
|  | M4-FAST 8TP-RJ45-PoE | 943 873-001 | 8 x 10/100 Mbit/s RJ45 ports with Power over Ethernet |
|  | M4-GIGA 8-SFP | 943 879-001 | 8 x 100/1000 Mbit/s SFP sockets* (not for MACH4002 48+4G) |

NOTE: *SFP/XFP Fiberoptic transceivers sold separately (see Accessories on page 61 for SFPs).