

Product Bulletin



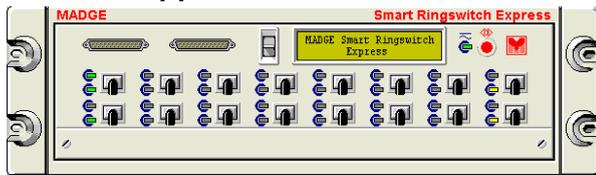
Smart Ringswitch™ Express Switch Family

This family of four high-performance Token Ring switches is ideal for small backbone, workgroup concentration, micro-segmentation or branch office use.

Each Smart Ringswitch Express unit is pre-configured with 16 Token Ring ports (16/4 or 100Mbps; copper or fiber). An option module slot can be used to increase port capacity to 24 or extend connectivity with ATM LAN Emulation or Third Layer IP Services support.

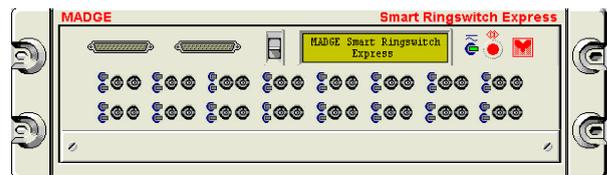
The addition of the new Ringswitch Gigabit Uplink Module makes Smart Ringswitch Express the ideal access unit for connecting Token Ring networks into standards-based Gigabit backbones.

58-27 Smart Ringswitch Express Copper Switch



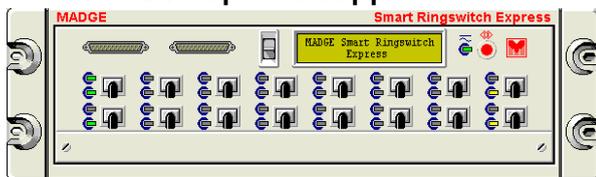
16 pre-configured ports of 16/4 Token ring with RJ-45 connectors and an option slot for the addition of any other Ringswitch Module.

58-48 Smart Ringswitch Express Fiber Switch



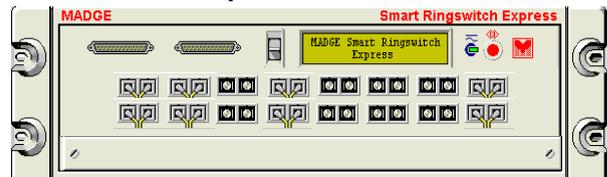
16 pre-configured ports of 16/4 Token ring with ST Fiber connectors and an option slot for the addition of any other Ringswitch Module.

58-46 Smart Ringswitch Express 100Mbps TR Copper Switch



16 pre-configured ports of 100Mbps Token ring with RJ-45 connectors and an option slot for the addition of any other Ringswitch Module.

58-47 Smart Ringswitch Express 100Mbps TR Fiber Switch



16 pre-configured ports of 100Mbps Token ring with SC Fiber connectors and an option slot for the addition of any other Ringswitch Module.

Key Benefits

- Cost effective switching from the workgroup to the LAN backbone.
- Concentration point for switching to the Desktop.
- Provides 4 / 16/ 32 Mbps or 100Mbps Token Ring bandwidth to the workgroup.
- Supports standard UTP/STP or fiber optic cabling
- Simple implementation, use and support
- Powerful, but simply operated, software to control and manage the performance of the network
- Investment protection – the option slot allows the addition of extra ports or enhanced capabilities to support IP, ATM or Gigabit applications

Ease of Implementation

With support for all popular frame forwarding techniques, the Smart Ringswitch Express family can easily integrate into existing network environments.

The preconfigured nature of Ringswitch Express enables it to be installed into existing networks with minimal configuration.

Advanced traffic control and management controls can be selected through the intuitive Switch Manager Windows application that is provided with the product. The manager can be installed as part of the Madge TrueView for Windows application or as part of an HP OpenView system.

High Performance Architecture

The switching capacity and intelligent buffering capabilities of Smart Ringswitch Express ensure that there is no performance degradation for traffic passing between ports. This makes Ringswitch Express ideal for micro-segmentation or backbone applications.

Flexible Option Slot

The option slot on Smart Ringswitch Express supports all Smart Ringswitch family modules.

The use of Fiber Token Ring, ATM LANE or Gigabit Uplink modules enable the Ringswitch Express to be used as a powerful and flexible workgroup access device for the majority of high-speed backbone topologies.

Resilient Network Design

The Smart Ringswitch family brings a high degree of resilience to the network. For example, all 100Mbps Token Ring modules offer user selectable 'fast fail over' resilience. This provides a standby link in case of network failure on the primary connection.

By using Ringswitch Express to segment large Token Ring networks, additional resilient links can be easily implemented, delivering greater network uptime.

Network Management

The Madge Networks Smart Ringswitch Express is supplied with the Madge TrueView™, management platform for Windows, giving an advanced yet easy-to-use graphical interface.

The Smart Ringswitch family is the only Token Ring switching solution to support all 10 Remote MONitoring (RMON) groups. This provides full visibility of the traffic being switched - essential for troubleshooting problems with mission-critical resources connected directly to a high speed backbone.

Network Control

Smart Ringswitch Express implements the same system software as the modular Smart Ringswitch Plus platform. This delivers advanced traffic control and network management normally associated with high-end backbone switches. This includes powerful, yet simple-to-configure traffic management options, including protocol filtering, IP routing and targeted broadcast control.

These provide network administrators with the necessary tools to control network traffic flows and increase network efficiency and packet throughput.

For more information, please visit: www.madge.com

Ordering Information

Base Units (16 pre-configured ports)

58-27	RS Express Copper Switch (16/4)
58-46	RS Express 100Mbps TR Copper Switch
58-47	RS Express 100Mbps TR Fiber Switch
58-48	RS Express Fiber Switch (16/4)

Option Modules (one slot per switch)

58-42	8-port 100Mbps TR Copper (RJ45)
58-43	8-port 100Mbps TR Fiber (SC)
58-24	8-port 16/4 Copper (RJ45)
58-45	8-port 16/4 Fiber (ST)
58-49	Gigabit Uplink (1000BaseSX)
58-44	2-port 10/100 Ethernet Copper (RJ45)
57-94	Dual-port ATM 155 (MMF)
58-41	Third Layer Services (IP)

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