

# Product Data Sheet

## Smart Ringswitch Express Select

### Token Ring Switch

Part Number – 58-50



### Key Benefits



- ❑ **Boost performance with proven, industry leading, architecture.**
- ❑ **Cost effective integration of Gigabit, 10/100 Ethernet and ATM resources.**
- ❑ **Improves management and control of networks**
- ❑ **Increases flexibility of Token Ring networks**
- ❑ **Protects investment of existing infrastructure**

### Overview

The Smart Ringswitch Express Select is the latest addition to the Madge switching range featuring a greater choice of connectivity. The Express Select, with its inbuilt CPU processor and three option slots, is available for any combination of Smart Ringswitch modules and is supported by the latest standard Ringswitch software

### Ease of Implementation

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

Advanced traffic control and management can be selected through the intuitive switch manager windows application that is provided with the product. The switch can also be comprehensively managed by Madge TrueView/32 for Windows application (Part Number 88-01) 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.

### Compatibility

The Smart Ringswitch Express Select offers total compatibility with all Ringswitch variants. All performance, options, functions and software are identical between modern chassis types.

### Flexible Option Slots

The use of copper and fiber Token Ring, 10/100 Ethernet Integration, Gigabit and ATM Uplink modules and modules for additional Third Layer Services 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 Select 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 link.

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 Smart Ringswitch Express is supplied with a Madge 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 Select 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 Advanced Broadcast Control.

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

## Ordering Information

58-50	Smart Ringswitch Express Select
58-43	Smart Ringswitch 8-port 100Mbps Token Ring Module (Fibre)
58-42	Smart Ringswitch 8-port 100Mbps Token Ring Module (Copper)
58-45	Smart Ringswitch 8-port 16/4Mbps Token Ring Module (Fibre)
58-24	Smart Ringswitch 8-port 16/4Mbps Token Ring Module (Copper)
58-49	Smart Ringswitch Gigabit Uplink Module
58-44	Smart Ringswitch 2-port 10/100 Ethernet Module (Copper)
57-94	Smart Ringswitch Dual Port ATM 155 Module (Fibre)
58-41	Smart Ringswitch Third Layer Services Module
84-27	Smart Ringswitch RMON License (supplied free with Ringswitch Express Select)
87-11	Smart Ringswitch Software (supplied free with every Ringswitch Express and Plus)

For more information on Madge Token Ring or Wireless products visit [www.madge.com](http://www.madge.com)