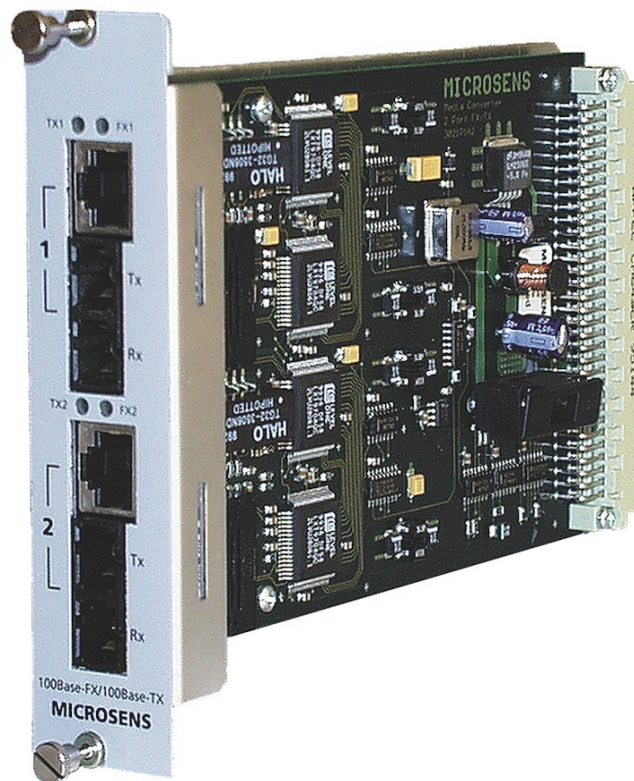


Product Overview

Fast Ethernet 2 Port Multifunction Bridge



Description

The bridge enables connection of copper and fiber segments to Ethernet and Fast Ethernet whilst at the same time altering the speed. The new twin bridge achieves a higher port density in the distribution equipment by integrating two bridges per card.

When the card is configured correctly, the two bridges can be switched to one bridge for redundant connections. This means that important connections can be secured using this module without the need for such costly features as spanning trees. Two routes are possible via both, fiber and copper. Switching occurs physically by recognizing links.

The card function has a further setting that permits the connections to be grouped into a 4-port switch with two fiber ports (100Base-FX) and two copper ports (10/100Base-TX). This switch makes it extremely easy to implement service networks, e.g. for coupling management agents or rack monitoring systems in existing connections.

An additional operating mode allows the card to be configured as a fiber/ fiber bridge with the option of limiting bandwidth. Service providers can use this to release data rates to customers in a targeted way. If the customer is not prepared to pay for the maximum bandwidth or if a lower performance is sufficient they can make a targeted reduction. If migrations are

Properties

- Twin Bridge insertion card with higher port density
- Bridge with redundancy function
- Work as 4 Port Fast Ethernet switch
- Bandwidth limitation
- Status monitoring and configuration via optionally management module
- Optional simplex version (WDM)
- Full compatibility with all modules of the Access Family

completed later the required bandwidth of up to 100 Mbit/s is released by reconfiguration, it is not necessary to swap out the hardware. The copper connections can also be used as mirroring interfaces at the same time, e.g. for sniffer analyses.

In addition to multimode versions, MICROSENS also offers single mode bridges with altered optical parameters, which enable long-range segment links of up to 125 km. These single mode designs are used in particular for Fiber To The Home (FTTH) projects. The end user can obtain internet services, video on demand and VoIP applications using the familiar 10/100Base-TX copper connection.

The configuration of the features can be done by the network management or the integrated configuration switches.

Order Information

Description	Article Number
Twin Bridge Module, 10/100Base-TX/100Base-FX 1300nm Multimode ST	MS416360M
Twin Bridge Module, 10/100Base-TX/100Base-FX 1300nm Multimode SC	MS416361M
Twin Bridge Module 10/100Base-TX/100Base-FX 1300nm Single mode Laser min. 15 km SC	MS416362M
Twin Bridge Module 10/100Base-TX/100Base-FX 1300nm Single mode Laser min. 15 km ST	MS416363M
Twin Bridge Module 10/100Base-TX/100Base-FX 1300nm Single mode Laser min. 40 km SC	MS416364M
	MS416366M

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