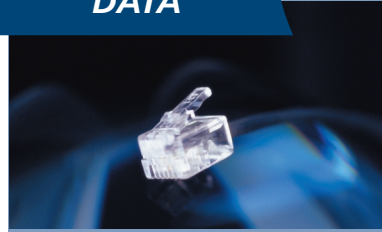# BLACK BOX®
NETWORK SERVICES
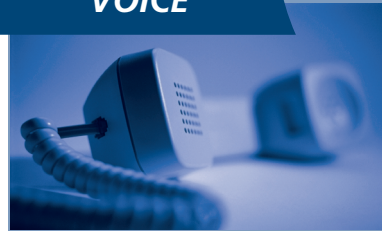
10/100 Network Isolator

- **10/100BaseTX Ethernet (RJ-45) without PoE in.**

- **10/100BaseTX (RJ-45) without PoE out.**

- **Works fully transparent with 3kV galvanic isolation (mandatory for medical technologies).**

- **Overvoltage 1500V.**

- **Approval for medical applications (DIN EN 60601-1).**

The 10/100 Network Isolator connects a medical device or system equipped with a network interface to a non-medical device such as a single PC or complete standard office network. The Network Isolator electrically isolates both systems with up to 3kV, while maintaining all relevant standards for the electrical security.

Waiving a netwotk isolation could result in severe damages to you and your in-patients. In that case a failure of a device anywhere in the connected system - medical or non-medical - may cause high stray currents and heat losses or break protective conductors and destroy life-supporting technologies. Therefore especially in medical applications all connected devices must comply with the DIN EN 60601-1 Standard for electrical security. And devices compatible to this standard usually cost a dear price.

The Network Isolator now minimizes these risks to a well tolerated degree by keeping currents outside of the treatment locations. In addtion its small price fits even into tight budgets.

Black Box Network Services

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ORDER INFORMATION

Description	Item number
10/100 Network Isolator	SPM110

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