



MI 1005 | Medical Isolator

The MI 1005 medical network isolation module is suitable for the use in 10/100/1000-BasE-T-Ethernet Gigabit networks with full IEEE 802.3 compatibility.

Whenever computers or medical devices are connected to an Ethernet network in the patient's environment, dangerous leakage currents can appear from over this data link. The MI 1005 is able to isolate the connected device from currents and voltages over the data line for voltages up to 5000 Volts. The MI 1005 Medical Isolator has been manufactured using UL94-V0 materials only. Compared to other network isolation devices that are available on the market, the MI 1005 is the only device available with a signal and shield isolation of up to 5000 Volts, supporting full IEEE 802.3 Gigabit compatibility. The MI 1005 medical isolator has successfully been tested and approved according to IEC 60601-1 3rd Edition and IEC 60601-1-2 by the Eurocat Institute in Germany as an Independent „Notified Body“.

Technical Data	MI 1005
Article No.	2005674
Data Speed	10/100/1000 MBit/S
Isolation Voltage	5000 Volts
Conformity Ethernet	IEEE 802.3
BOM	User Manual
Standards	IEC / DIN EN 60601-1 3rd. IEC / DIN EN 60601-1-2

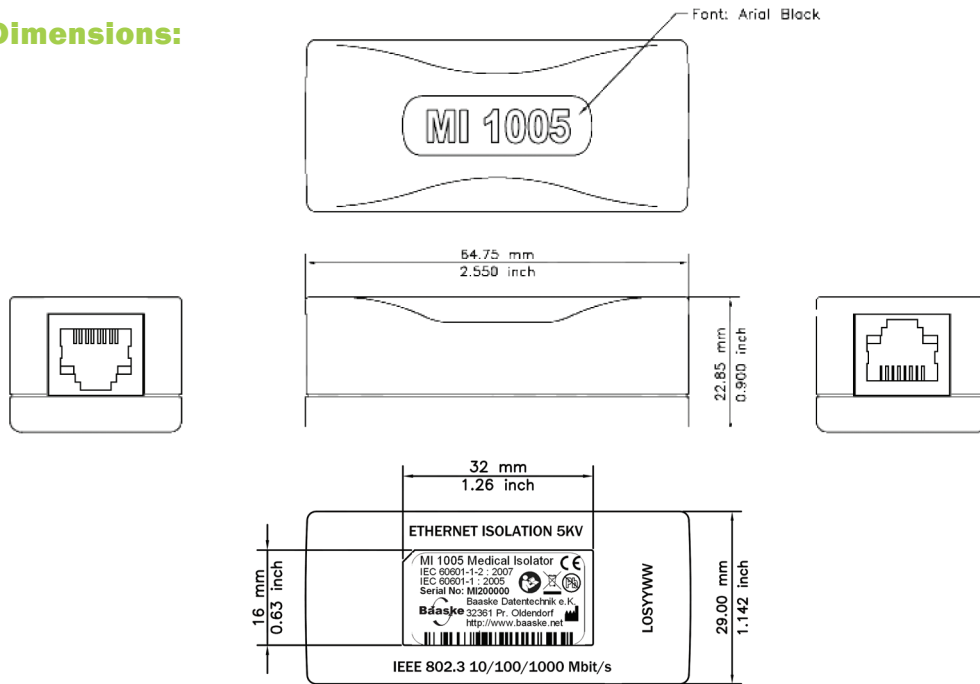
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Medical improvements:

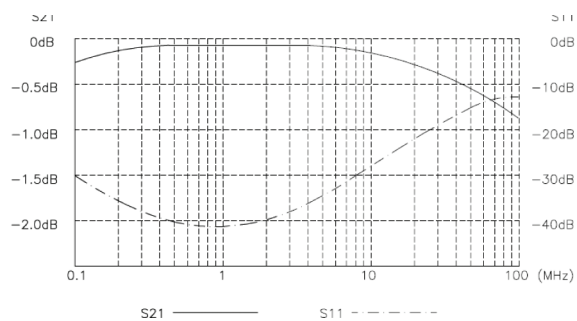
Safety: DIN EN / IEC 60601-1 (Medical electrical equipment)

EMC: DIN EN / IEC 60601-1-2 (Medical electrical equipment)

Dimensions:



Frequency Range:



Your local partner:

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