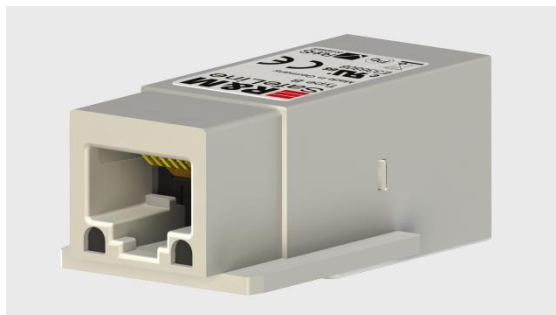


SafeLine Type B HDF – Network Isolator Module

- Network Isolator module RJ45/u
- Rated Isolation Voltage 6kV AC
- 10/100/1000-BaseT Ethernet
- Suitable as accessory for medical devices
- Meets the requirements of IEC 60601-1:2005; EN 60601-1:X2006; IEC 60601-1-1
- Meets the requirements class D / Cat 5e according ISO/IEC 11801, EN 50173, TIA 568B



Classification

| | | |
|--|--------------------------------------|--|
| Manufacturer | Reichle & De-Massari | |
| Product Name | SafeLine Type B | |
| Ordering Code | R802145 | |
| Operating Mode | Continuous Operation | |
| Protection Category | IP20 | |
| Marking | CE, UL (E336808), RoHS compliant | |
| Meets the requirements of the IEC 60601-1:2005 standard for separators, with | 2 Means of Patient Protection (MOPP) | |

Technical data

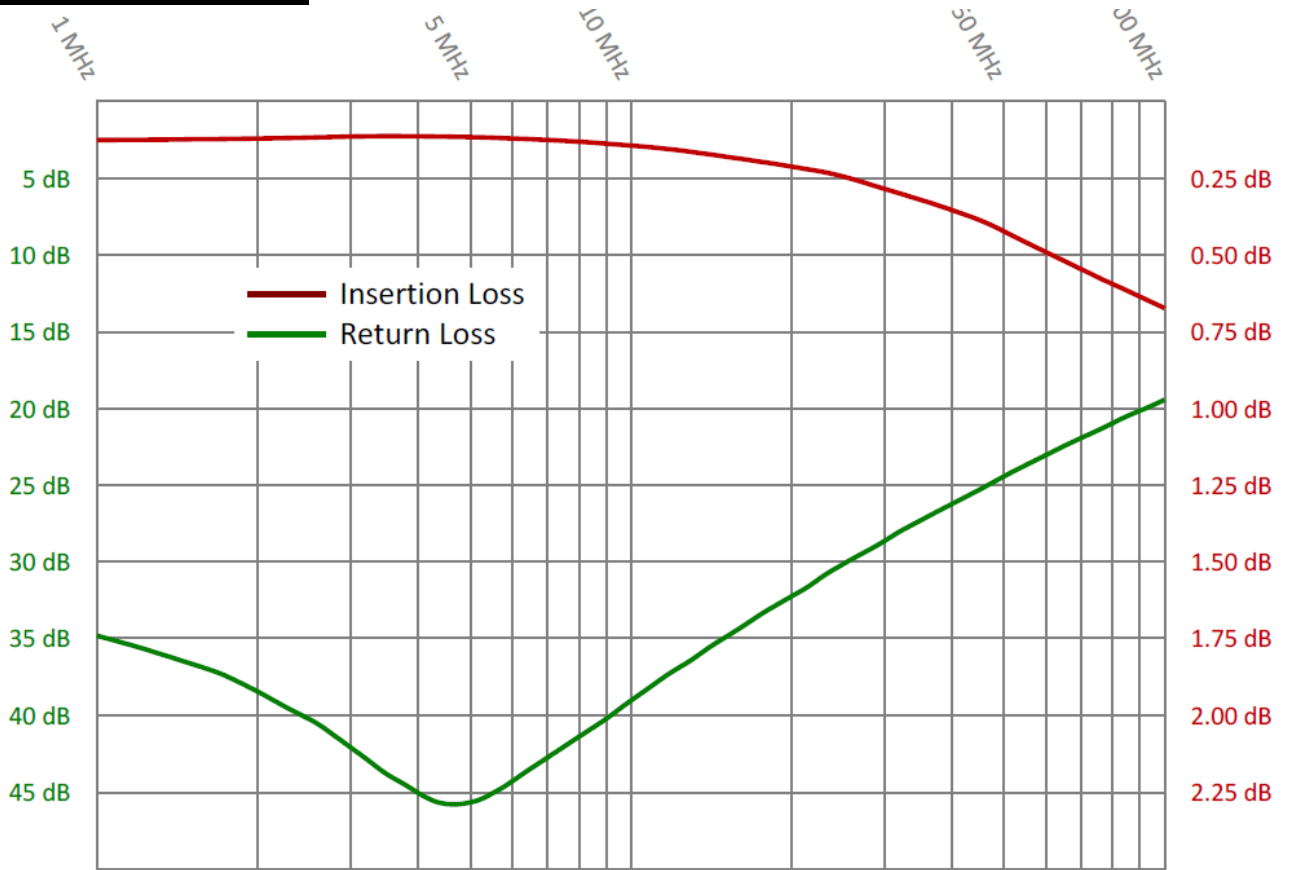
| | | |
|---|---|--------------------------------|
| Rated Isolation Voltage | 5kV AC | |
| Connections | Front: RJ45 socket (8P8C) Back: CAT6 (UTP) with RJ45 Plug (8P8C) | |
| Signal attenuation | 1 MHz < f < 100.0 MHz | < 1.0dB |
| Suitable for use in network environments according to | IEEE 803.2 10/100-BaseT IEEE 802.3ab 1000-BaseT Twisted Pair auto-conf | |
| Dimensions WxHxD | 17x17,4x42,7mm | |
| Operating Conditions | Temperature | 10°C to 45°C (34°F to 158°F) |
| | Relative humidity | 10% to 90% (non-condensing) |
| | Air pressure | 600 hPa to 1060 hPa |
| Storage and Transportation | Temperature | -10°C to 75°C (-13°F to 167°F) |
| | Relative humidity | 10% to 90% (non-condensing) |
| | Air pressure | 600 hPa to 1060 hPa |
| Suitable for use with | R&M module holders | |



Convincing cabling solutions

Reichle & De-Massari AG
 Binzstrasse 31
 CHE – 8622 Wetzikon
 Telephone CO: +41 44 933 81 11
 Telefax CO: +41 44 930 49 41
www.rdm.com

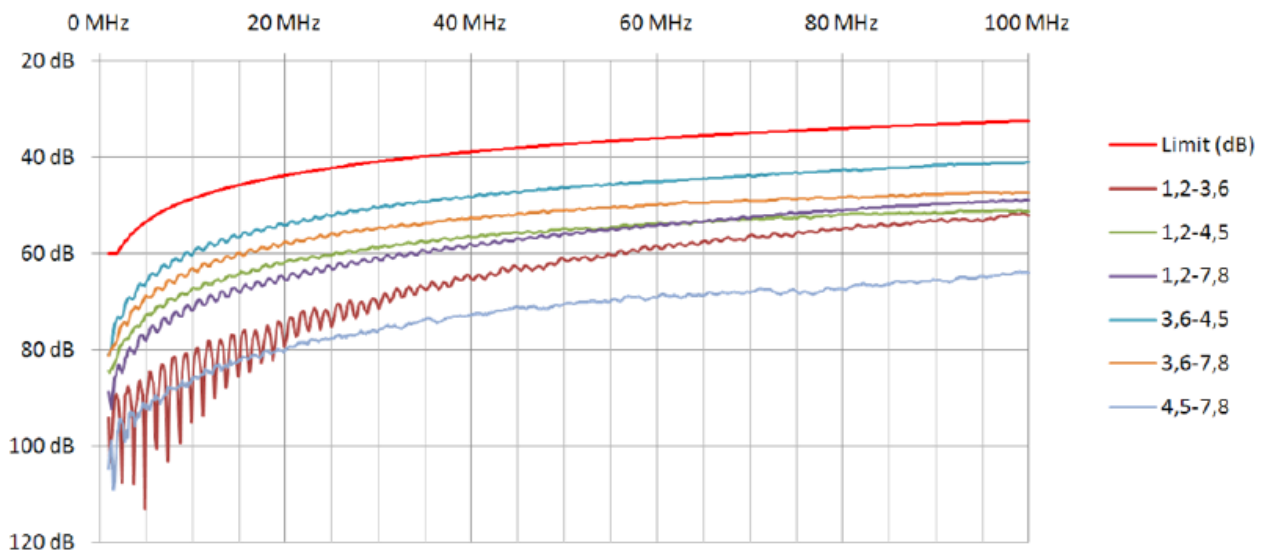
Insertion und Return Loss



Safeline Typ B-FDS measured with Fluke DTX-1800 Cable Analyzer

Next

Limit from ISO 11801 Class D and TIA 568B, Cat.5e for Permanent Link



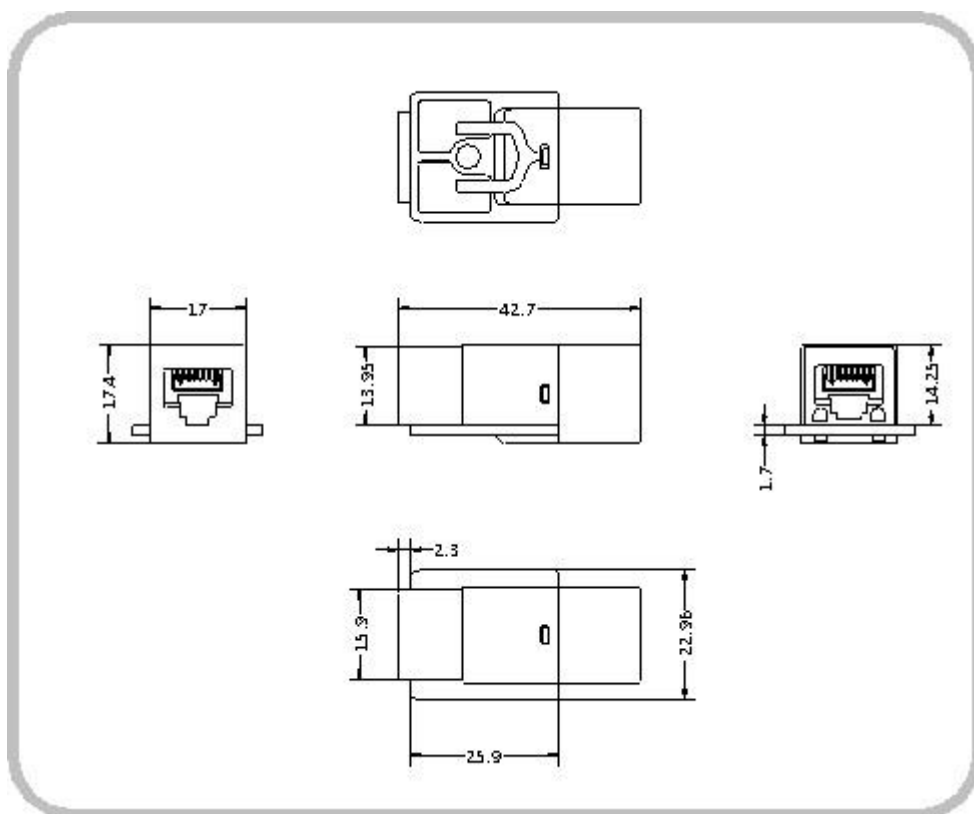
asdf



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Dimensions



data sheet: 15.10.2013 / hc