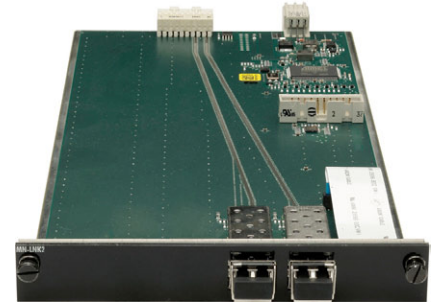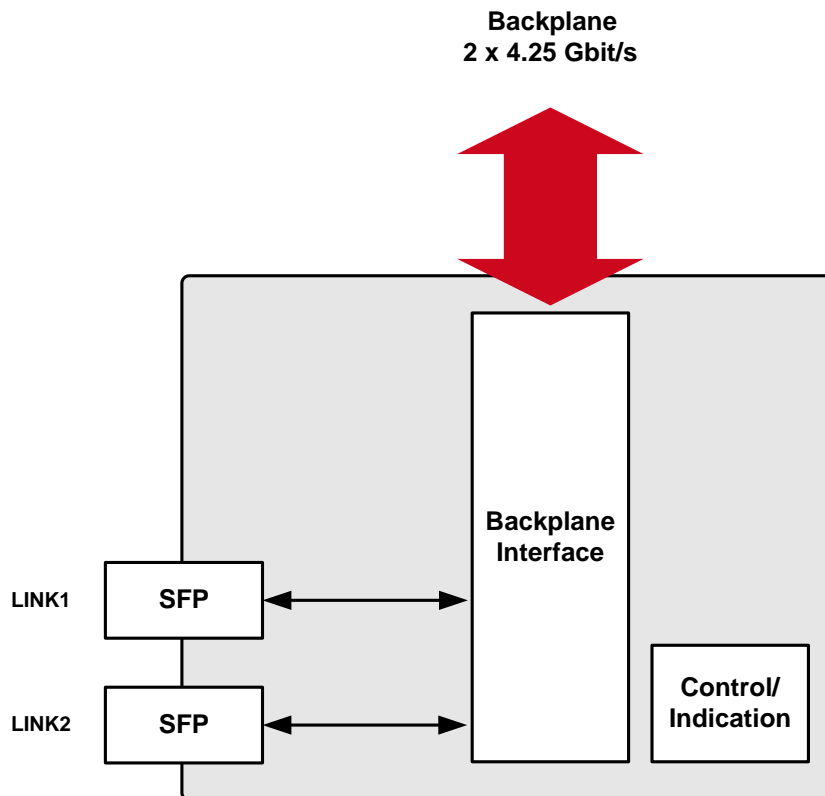# MediorNet MN-LNK2

The MN-LNK2 Link Card allows the interconnection of multiple MediorNet frames via two bi-directional duplex fiber connections.
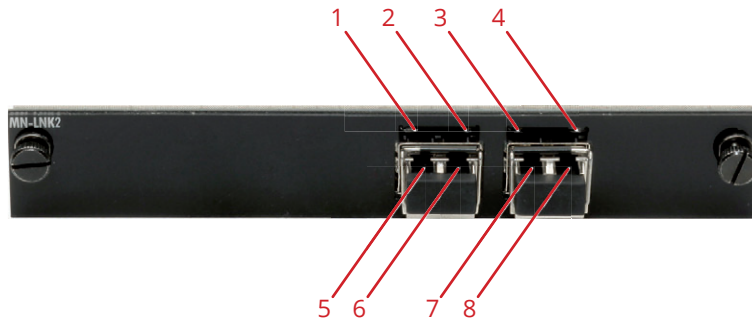
- 2 SFP Ports that support 4.25 Gigabit/s SFP modules)
- Supports single-mode and multi-mode SFP transceivers
- Wavelength independent
- Different types of SFPs are used in the various MediorNet Modular cards. Use the identical SFP types on both ends of the fiber.
- The MN-LNK2 Card must be fitted into a High-Speed slot and it occupies one slot,
  so it can be placed in the slots 1, 5, 6, 7, 9 and 10 of the Modular mainframe.

Block Diagram

Backplane
2 x 4.25 Gbit/s

LINK1 — SFP ⟷ **Backplane Interface**

LINK2 — SFP ⟷

Control/ Indication

MediorNet MN-LNK2

Legend

1) Link 1 Status LED
2) Link 1 Activity LED
3) Link 2 Status LED
4) Link 2 Activity LED
5) Link 1 SFP TX Port
6) Link 1 SFP RX Port
7) Link 2 SFP TX Port
8) Link 2 SFP RX Port

Status LEDs

	off	green	orange	red
Link Status *left of SFP slot*	No SFP present	SFP present, link up	SFP present, link down	Link active, SFP RX power error
Link Activity *right of SFP slot*	No connection	Connections present and OK	--	Connections present and damaged
both LEDs *only temporarily after SFP insertion*	--	New SFP inserted	--	Unsupported SFP

Bi-Directional Ports

SFP Specifications	The specifications of all Riedel recommended SFP modules are listed in the MN-SFP Datasheet

Overall

Environmental Temperature	-5 °C to +40 °C (Non-condensing)
Supply Voltage	12 VDC
Power Consumption	3 W (without SFPs)
Dimensions (w×h×d)	132 mm × 20 mm × 307 mm
Weight	200 g