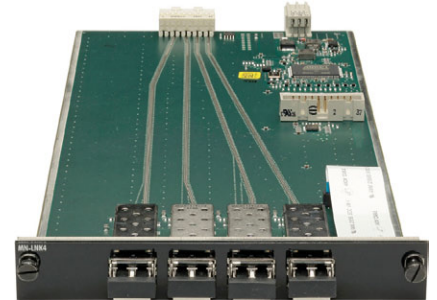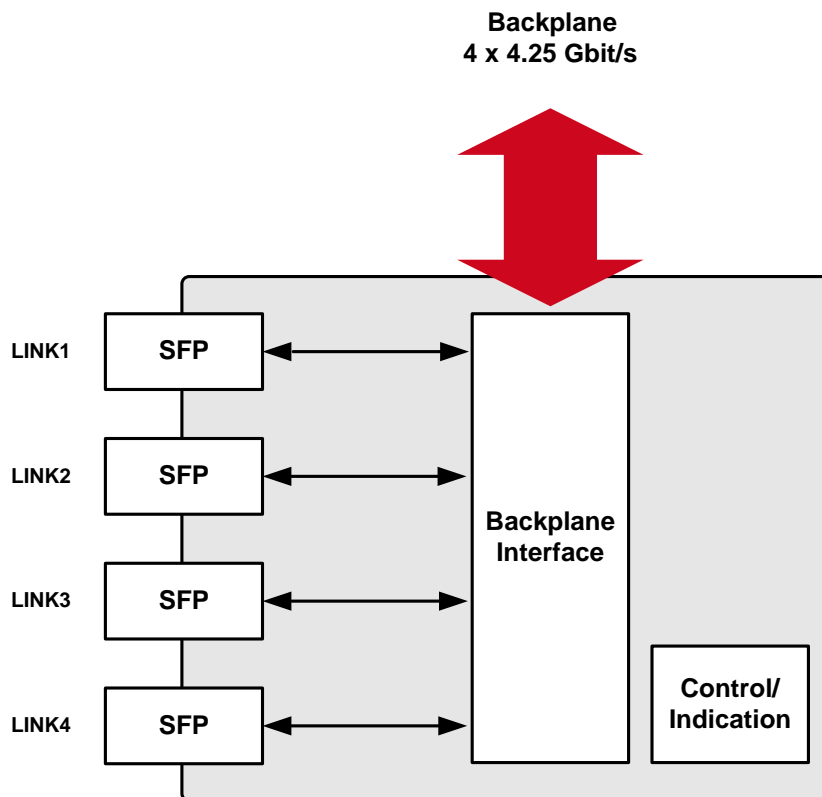# MediorNet MN-LNK4

The MN-LNK4 Link Card allows the interconnection of multiple MediorNet frames via four bi-directional duplex fiber connections.
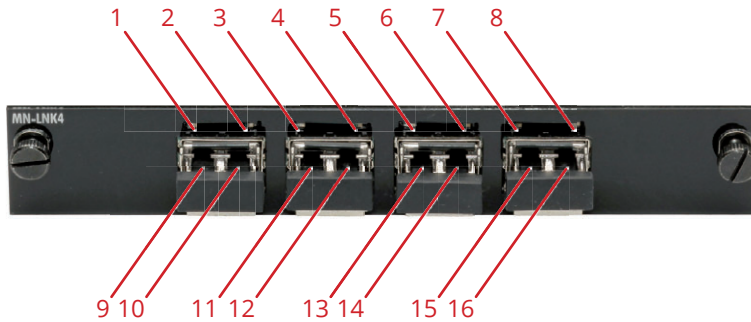
- 4 SFP Ports that support 4.25 Gigabit/s SFP modules
- Supports single-mode and multi-mode SFP transceivers
- Wavelength independent
- Different types of SFPs are used in the various MediorNet Modular cards. Use the identical SFP types on both ends of the fiber.
- The MN-LNK4 Card must be fitted into a High-Speed slot and it occupies one slot of the Modular mainframe.
- If placed in slot 7 or 10, all four High-Speed links are supported.
- If placed in slot 1, 5, 6 or 9 two High-Speed links (link 3 and 4) are supported.

Block Diagram

Backplane
4 x 4.25 Gbit/s

LINK1	SFP	←→	
LINK2	SFP	←→	**Backplane Interface**
LINK3	SFP	←→	
LINK4	SFP	←→	**Control/ Indication**

MediorNet MN-LNK4

Legend

1) Link 1 Status LED
2) Link 1 Activity LED
3) Link 2 Status LED
4) Link 2 Activity LED
5) Link 3 Status LED
6) Link 3 Activity LED
7) Link 4 Status LED
8) Link 4 Activity LED
9) Link 1 SFP TX Port
10) Link 1 SFP RX Port
11) Link 2 SFP TX Port
12) Link 2 SFP RX Port
13) Link 3 SFP TX Port
14) Link 3 SFP RX Port
15) Link 4 SFP TX Port
16) Link 4 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	4 W (without SFPs)
Dimensions (w×h×d)	132 mm × 20 mm × 307 mm
Weight	200 g