

MEDIORNET Link Cards for Optimal Use of Fiber

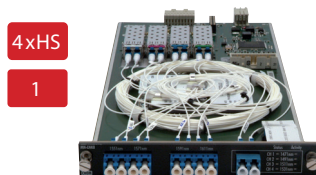
MediorNet offers Link Cards with and without integrated CWDM multiplexing to network MediorNet mainframes with a bandwidth of up to 76.5 Gbit/s on a single fiber link. MediorNet's standard fiber transceivers have an optical budget of 18 dB minimum, allowing for distances of up to 40 km (25 miles). A MediorNet fiber link always consists of duplex fiber to allow bi-directional signal transport. MediorNet CWDM Link Cards can also include

external optical signals and transport them transparently through the system. All MediorNet Link Cards provide signal monitoring and link status information, which can be monitored via status LEDs and system wide via the MediorWorks software and SNMP network management systems.



MN-LNK2/LNK4 – 2/4 Channel Link Card

The MN-LNK2 Link Card features two SFP slots (MN-LNK4: four SFP slots) for single-mode and multi-mode SFP transceivers of any wavelength with a 4.25 Gbit/s transfer rate. The card allows for the interconnection of multiple MediorNet frames via two bi-directional duplex fiber connections (MN-LNK4: four bi-directional connections). *The use of RIEDEL SFPs is required.*



MN-LNK8 CWDM – 8 Channel CWDM Link Card

The MN-LNK8CWDM Link Card features integrated CWDM multiplexing/de-multiplexing. The card multiplexes four MediorNet 4.25 Gbit/s signals plus four external fiber ports onto one single-mode duplex fiber, accessible via LC connectors. The external fiber ports are connected via four LC connectors. MN-LNK8 CWDM is available with different wavelengths.



MN-LNK10 CWDM – 10 Channel CWDM Link Card

The MN-LNK10CWDM Link Card features integrated CWDM multiplexing/de-multiplexing. The card multiplexes eight bi-directional MediorNet 4.25 Gbit/s signals plus two external fiber ports onto one single-mode duplex fiber, accessible via LC connector. The external fiber ports are connected via two LC connectors.



MN-LNK18 CWDM – 18 Channel CWDM Link Card

The MN-LNK18CWDM Link Card features integrated CWDM multiplexing/de-multiplexing. The card multiplexes eight MediorNet 4.25 Gbit/s signals plus up to ten additional external fiber ports via an ADD port onto one single-mode duplex fiber, accessible via LC connector and transporting up to 76.5 Gbit/s.