

MEDIORNET Fiber Accessories

SMART RACK

In addition to its fiber-based real-time network solution MediorNet, Riedel offers a range of accessories solving everyday issues in fiber installations. The Riedel Smart Rack solution offers a flexible, versatile and easy-to-use solution. The Smart Rack Suite consists of WDM and CWDM Multiplexers and De-Multiplexers as well as RF over fiber converters and patch modules.



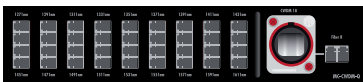
SR-1 Smart Rack Module Carrier System

The Smart Rack SR-1 module carrier system is a 19"/1RU universal housing offering space for 4 x SR11 sized modules, 2 x SR12 sized modules or any combination thereof. The individual modules can be mounted with the rear-side to the front by simply inserting the module backwards. Riedel's Smart Rack system features a safe and convenient locking mechanism for the modules providing a solution to conveniently rack mount a wide range of accessories from all Riedel product lines.



MC-WDM Dual WDM Multiplexer and De-Multiplexer

The Riedel MC-WDM interface is 4.74" wide (SR11 housing) and provides two multiplexer/de-multiplexers for multiplexing/de-multiplexing up to three LC duplex single-mode fiber links each onto one LC connector (MC-WDM-L) or onto the two fiber pairs of one Neutrik opticalCon Quad fiber connector (MC-WDM-Q). The WDM connectors are available on either the front or the back of each interface.



MC-CWDM CWDM Multiplexer and De-Multiplexer

The Riedel MC-CWDM interface is 9.5" wide (SR12 housing) and offers multiplexing and de-multiplexing capabilities over one duplex fiber link for up to 18 LC duplex single-mode connections of different standards. The multiplexed signal is available on either an LC connector (MC-CWDM-L) or on a Neutrik opticalCon Quad connector (MC-CWDM-Q). The MC-CWDM also features a separate LC duplex connector. In the LC version this serves as a coupler for two LC fibers, in the opticalCon Quad version this connector provides access to the second pair of fibers of the opticalCon Quad cable. The CWDM connectors are available on either the front or the back of each interface.



MC-QP opticalCon Patch Module

The Riedel MC-QP series provides easy patching of Neutrik opticalCon Quad fiber cables with LC Duplex fiber cables and vice versa.



SR-RF RF-over-Fiber Module

The Riedel SR-RF series is the ideal tool for remoting antennas over long distances. The compact units convert analog RF signals into optical modulated signals, which are then transmitted via fiber. At the remote location the optical signal is re-converted into an analog RF signal. RF-over-fiber links can be used for RF receivers and transmitters.