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Small Form Factor L-band Mux/Demux in High DEV Quality Permanent Signal Monitoring in Satellite Ground Stations and Cable Head Ends

With a new family of L-band multiplexers/demultiplexers, DEV Systemtechnik assists operators of satellite ground stations and cable head end stations to monitor permanently a multitude of RF signals. The appliances switch multiple inputs to one output (mux), or route a signal to different destinations (demux). They fit in a very small form factor, affording significantly less rack space than competitive products. As usual with DEV products, they come off the shelf with a lot of valuable standard features like SNMP protocol, web interface, redundant power supplies, and more, that other vendors offer as an option only.

Models DEV 1248 (4*8:1), DEV 12416 (4*16:1) und DEV 12232 (2*32:1) are available for 50 and 75 ohms systems. They can be monitored and controlled via the user-friendly web interface and include protocols like SNMP, Sandar Prosan, and Leitch, using the interfaces Ethernet/RJ45, RS232 (RS422/RS485 as an option)/D-Sub-9. Energy monitoring alarms if one or both power supplies fail to deliver secondary power. The mux/demuxes are housed in a form factor of 3RU rack units only. If the user needs a single mux/demux, DEV Systemtechnik offers a 1RU series with 16 ports or less (DEV 1018, DEV 10116, DEV 1218, DEV 12116, DEV 1258, and DEV 12516). Additionally, DEV features a family of mux/demuxes with 24, 32, 48, or 64 ports in 3RU form factor (DEV 101xx and DEV 121xx).

About DEV Systemtechnik

DEV Systemtechnik GmbH & Co. KG is the first choice for the transmission and distribution of radio frequency signals as, for instance, required in head end stations. The company develops and produces leading-edge products and systems for the entire signal transmission path. The portfolio from DEV comprises fully coordinated product solutions, from antenna to receiver. All products are "Made in Germany" and meet the highest demands on system availability, reliability and controllability.

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