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Powerhouse for the antenna farm

Module system redundantly feeds up to eleven LNBS

„More functions in fewer cases“ is the headline of DEV Systemtechnik’s development roadmap. This now holds true also for the power supply of LNBS in the antennas of satellite earth stations and CATV head-ends. In a chassis only 3RU high, the new DEV 8120 houses up to 23 modules with two Extended L-band bias tees 1:2 each. Still in the DEV portfolio are the 2 and 4 channel models DEV 8123/8122 in the compact 1RU chassis.

Modern LNBS feature two signal paths and are fed via the antenna cable. For that purpose, the two bias tees in one DEV 8120 module do the job, but many operators specify four bias tees or two modules per LNB to gain redundancy. Up to now DEV offered a 1RU solution for 2 or 4 channels, the DEV 8123/8122 bias tees. Using the DEV 8120, rack space can be reduced very cost-effective from up to 11RU or even 23RU down to 3RU.

Models DEV 8123 and DEV 8120 allow to electronically set as well as switch on and off the LNB supply current. Thresholds can be selected by the user from the front panel via a standard terminal application. The cost-effective model DEV 8122 offers all bias tee standard functions except LNB current monitoring.

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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