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Thresholds in user's hands

Controlled L-Band Bias Tee with adjustable LNB supply

The Controlled L-Band Bias Tee DEV 8123 complements DEV Systemtechnik's portfolio with a multi-channel model covering the Extended L-Band frequency range and fitting into the same compact 1RU enclosure as the L-Band Bias Tee DEV 8122. A new feature of the DEV 8123 is the remotely user-adjustable and on/off switchable bias for the antenna's low-noise block converter (LNB).

Models DEV 8122/8123 are able to feed either two or four LNB channels and offer redundant power supplies with status alarm outputs. They are available in 50 or 75 ohms versions. In the RF part, the incoming antenna signal is split and forwarded to two outputs independent of each other. Satellite ground stations and cable head-ends usually use one of the signals to feed the receivers, the identical other one is transferred to a monitoring system.

Model DEV 8123 allows the user to set the LNB bias lower and upper thresholds, which issue an alarm when crossed, by a standard terminal application via an RS-232 interface located on the front panel. Model DEV 8122 continues to be offered by DEV however without the previously available LNB bias adjusting option.

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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