



Press Release

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Consistent Signal Monitoring for Maximum System Availability!

New Feature “RF Sensing” for all DEV 218X L-Band Distribution Amplifiers

Long winded research in case of signal failure now belongs to the past in cable head ends! From now on all L-Band Distribution Amplifier products of the product family DEV 218x will be equipped with RF detectors (RF Sensing) as a standard feature. The integrated RF detector measures and monitors the RF signal level of the frequency band, if it corresponds to the user defined individual threshold. If the RF signal level falls below the user defined threshold before the signal is distributed an alarm will be generated. Any defects – regarding LNB itself or cabling defects are discovered at once with this new feature. The status is indicated at the frontside with a LED. That means maximum system availability for the L-Band Distribution in big cable head ends, satellite ground stations and play out centers.

This new development is integrated in the L-Band Distribution Amplifiers 1:8, 1:16 as well as 2x1:8 which are all delivered in a 1 HU housing (DEV2182C/2183B/2185) as well as the space saving new DEV 2180 L-Band DA Chassis, a 4 HU housing which can host a large number of Distribution Amplifiers or matrix switches in a 4 HU chassis, e.g. up to 12 DAs 1:8; up to 8 DAs 1:16; up to 3 Matrix switches 4x16 or up to one Matrix switch 4x60.

DEVs L-Band Distribution Amplifiers divide the incoming LNB signal into 8 or 16 signals without loss so that all receivers, IRDs or other receiving equipment in operation get the satellite signal simultaneously. The High Performance Distribution Amplifiers are not only available as 50 Ohm version but also with 75 Ohm technology and mixed impedances. A monitoring output with 0dB at the front side of the instrument makes it possible that the user can measure even small signals with simple i.e. low cost measurement equipment. The power supply comes out of two different phases which means additional security in case of primary network breakdown. An integrated bias current monitoring with alarming function controls other system components like e.g. LNBs.”

DEV Systemtechnik is an innovative company focused on RF-Products. In close cooperation with qualified partners DEV develops and produces solutions to route or convert RF signals according to customers needs.

For more information and technical data about the products please visit our homepage www.dev-systemtechnik.com and look for product number DEV 2182C/2183B/2185 as well as for DEV 2180!

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