



Press Release



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DEV on Anga Cable 2006

New: Optical signal transmission from the specialist in RF signal routing!

*From now on a distance of up to 20 km between antenna and the rack room of a satellite ground or a cable head end station is no longer a problem to route proper RF signals. DEVs latest developments make it possible to transmit and distribute RF signals optically without taking into account any loss in signal quality. Look and see DEVs broad product portfolio and many new developments on Anga Cable, **Stand H7, Hall 10.2.***

DEVs latest development for optical transmission and distribution of RF signals bridges distances of up to 20 km. The optical system DEV 7000 consists of the Chassis DEV 7103, which hosts the power supply, the optical transmitters and optical receiver modules as well as the CPU with Ethernet Interface. The DEV 7000 can be connected via the CPU to a M&C System, by which all status information can be obtained. As many as up to **12 optical transmitters or up to 16 optical receiver modules in 50 or 75 Ohm** fit in the compact 3 HU Chassis DEV 7103. The transmitter and receiver modules within a DEV 7103 chassis can be mixed according to customers needs.

Also, the **new active optical bias tee DEV 8125** transmits L-Band signals over large distances without any loss of signal quality. The two channel bias tee converts the electrical output signal for further transmission into an analogue optical signal and monitors the bias current to the LNB. The integrated RF detector measures and monitors the RF signal level, if it falls below the user defined threshold and generates an alarm if this is the case.

DEV will furthermore introduce on Anga Cable the **optical version of the L-Band Distribution Amplifier Series** - the 1 HU Splitters DEV 2182C/2183B/2185 as well as the 4 HU Distribution System DEV 2180, which is able to host as many as up to 12 x 1:8 or 8 x 1:16 Distribution Amplifiers as well as different matrix switches (e.g. 4:11, 4:22 bis 4:44). The Distribution Systems each have an optical input and eight or sixteen equal outputs.

With all active DEV products redundant power supplies from two different primary lines as well as remote alarming function is a default.

In addition, DEV will introduce further new developments in their **back channel network DEV 2910** and will demonstrate a comprehensive portfolio of standard- and individual products for RF signal routing in ground stations. Look and find more information and technical details on the DEV Homepage in the products section – www.dev-systemtechnik.com.

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