



Press Release

Rosbach, 13. July 2006



DEV on IBC 2006 with new fibre optic products

RF routing products over fibre now cover 40 km!

Rosbach, 13 July 2006. DEV Systemtechnik will show on IBC 2006 new developments for RF signal transmission over fibre. A distance of up to 40 km between antenna and the rack room of a ground station or a head end is no longer a problem to route proper RF signals without taking into account any loss in signal quality.

DEVs latest development for optical transmission and distribution of RF signals bridges distances of up to 40 km. The optical transmission 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. Together with the new L-Band redundancy kits for n+1 redundancy or 1+1 redundancy the availability of signals during operation is permanently ensured.

DEV also shows the **new active optical bias tee DEV 8125** which transmits L-Band signals over large distances without any loss in 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 IBC 2006 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 and SNMP protocol is a default.

In addition, DEV will introduce further new developments regarding their high performance distributing matrices and will demonstrate a comprehensive portfolio of standard- and individual products for RF signal routing. More information at: www.dev-systemtechnik.com

DEV Systemtechnik on IBC, Hall 1, Stand No. 1.557, 8 – 12 September 2006 in Amsterdam.

Your contact person:

DEV Systemtechnik GmbH & Co. KG
Ute Chandoni-Goebel
e-Mail: uchandoni@dev-systemtechnik.de
Tel.: 06003/8278-0
Fax: 06003/8278-15
www.dev-systemtechnik.com