



Press Release

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dev

SYSTEMTECHNIK

Optical RF Signal Routing for Ground Stations!

DEV's new compact system DEV 7000 transmits and receives RF signals optically over a distance of up to 20 km!

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. DEV's new optical signal transmission system DEV 7000 bridges distances of up to 20 km without loss of signal quality.

*The optical system DEV 7000 consists of the Chassis DEV 7103, which hosts the power supply, the optical transmitters and optical receiver modules (DEV 7211 and DEV 7311) 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** fit in the compact 3 HU Chassis DEV 7103.*

*The optical transmitter module DEV 7211 can be delivered with **inputs** in 50 or 75 Ohm; the optical receiver module DEV 7311 with **outputs** in 50 or 75 Ohm. The bias current for driving a LNB can be switched on and off from the front side of the transmitter module. The transmitter and receiver modules within a DEV 7103 chassis can be mixed and are built in on the front and the rear side depending on the number of optical links used.*

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 7000!

Your Contact Details:

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