



THE EXPERTS IN RF SIGNAL HANDLING

Making signal transmission easy and reliable



RELIABLE TECHNOLOGY. TRUSTED EXPERTISE.

An equipment supplier that specializes in just one area of RF signal transmission can only help you in a limited way. One that can deliver integrated systems for the entire signal distribution chain – like DEV – can become the long-term strategic partner that meets all your RF signal transmission needs – from satellite to receiver.

Founded in 1995, DEV was created with the express purpose of becoming the world's leading provider of end-to-end RF transmission systems – designed, developed and manufactured in Germany.

Well over fifteen years later, we are fulfilling that ambition, operating from our headquarters in Friedberg, Germany and our growing number of international facilities. As an established global supplier of groundbreaking RF transmission equipment solutions, we make signal transmission easy and reliable.

Delighting customers worldwide since 1995

Our highly motivated team of satellite communications, telecommunications and RF specialists have many years of practical experience in delivering field-proven technology and solutions. That is why customers that rely on DEV solutions include some of the world's most demanding systems integrators, communications providers and broadcasters.

We hope you will consider following their lead.

Ericsson UK England

"At Ericsson Television we particularly like the DEV 1951 switch because it is perfectly suited for broadcast needs. Its output signal will persist even if power is lost to the unit. This is essential for the broadcast environment. It also offers the capability of hosting many different card types to suit different signal types, and can accommodate up to two switches in one chassis. DEV's engineers are capable of taking account of customer needs and making changes wherever appropriate."

Steven Woodhead
Systems Engineering Group Manager
Ericsson UK

HanseNet, Hamburg, Germany

"We are very pleased with the optical system. It is absolutely stable and reliable. There are very few providers on the market who offer such a solution-oriented service with no red tape, and who are at your disposal when the going gets really hot."

Marko Rister,
Project Manager,
Alice homeTV
(part of HanseNet)

Eltrona Luxembourg

"DEV products just work. They're so reliable, you really can just 'install and forget', with complete confidence that they won't let you down."

Ralf Werle,
Chef de Service Headend
HFC, Eltrona

OUR INNOVATION – DRIVEN BY YOU.

Innovation at DEV is driven by our passionate team of experts, continuous development and most importantly, the ever-changing needs of our customers.

Our focus on your needs is the key to what sets our products apart: versatility, smart design and a comprehensive range of functions for permanent operation, even under extreme environmental conditions. We also design our products and systems in a unique way so they deliver multiple features, while maximizing performance of your system, and minimizing space and maintenance requirements. These principles power our systematic approach to the ongoing development of signal distribution infrastructure.

DEV's unique approach fuses together traditionally separate hardware functions such as optical transmission and RF signal distribution into a new solution. We call it **OPTRIBUTION®.**

The DEV difference

DEV's **OPTRIBUTION**® strategy minimizes your risk of signal loss, while reducing your rack space requirements, capital expense and operational costs for your infrastructure.

With DEV products, you can be confident that you will enjoy superior signal quality and reliability. And we believe in making it easy to control your DEV equipment via our user-friendly Web interfaces, instead of requiring proprietary client software that adds IT overhead.

In addition, choosing DEV gives you:

- A wide range of best-of-breed products
- A fast, flexible response to changing needs with short lead-times
- Expertise and high-level technical support available on demand
- Extensive systems integration experience

Straightforward service and warranty support packages back up all our products, and help ensure a zero-risk investment that also delivers a lower cost of ownership for you.



OPTRIBUTION – LOWER COSTS, MORE FUNCTIONALITY, FEWER DEVICES.

DEV is your single-source partner for the development of scalable, competitively priced solutions to transmit or distribute RF signals over the entire transmission path in your ground system plant.

Our **OPTRIBUTION**[®] family of products covers the complete spectrum of high-performance and high-availability RF signal transmission equipment to meet your current and future coaxial cable and fiber optic RF transmission requirements. These products include:

- Optical Transmitters
- Receivers
- Multiplexers and De-Multiplexers
- CWDM systems
- Splitters
- Integrated RF splitters
- Matrix Switches (1:xy and 4:xy)
- Redundancy switches (1+1 and N+1)

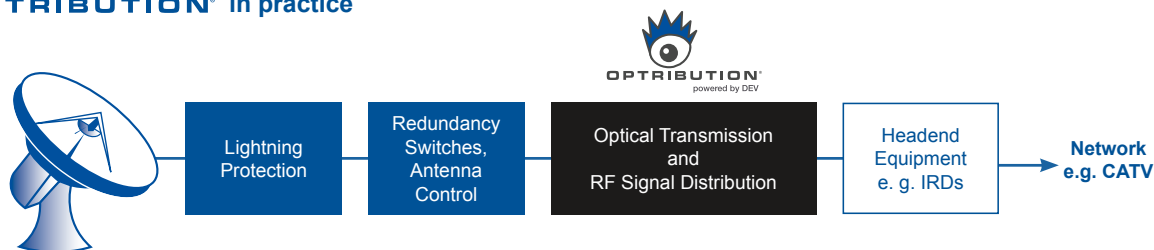
Our breakthrough innovations give you more value

For example, our new optical transmitter card, with a noise figure of below 10 dB, and our optical transmitters, with a dynamic range of up to 85 dB, can deliver a link gain of up to 40 dB – so you do not have to attenuate or amplify the signal - and you save on equipment. Your signals arrive safely and reliably using fewer devices, and easier-to-use devices with optimized functionality.

Or take our innovative redundancy switches. They deliver signal monitoring plus built-in antenna control and automatic positioning – all in a single 3RU device – saving you as much as 85% in cost compared to other alternatives on the market.

These are the kinds of unique advantages you enjoy when you choose a DEV solution.

OPTRIBUTION[®] in practice



YOUR ONE-STOP SOURCE FOR RF TRANSMISSION EQUIPMENT.

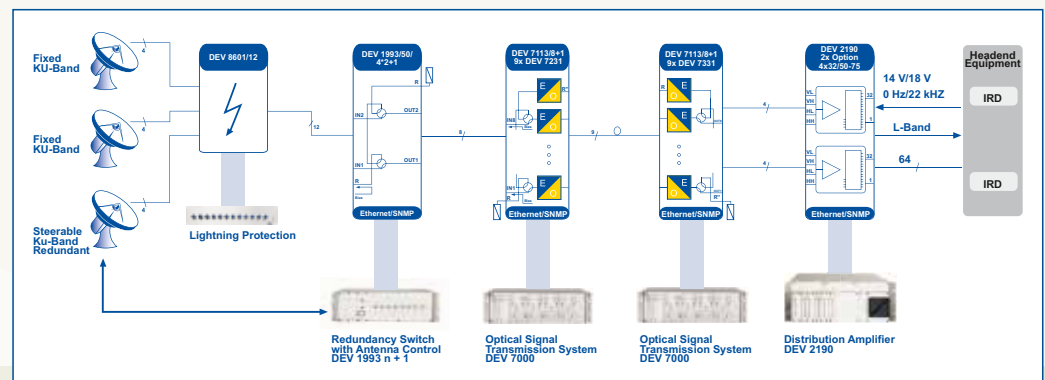
We develop and produce a complete spectrum of high-performance and high-availability RF signal transmission equipment to meet your current and future coaxial cable or fiber optic RF transmission requirements. These products include:

- **Distribution Amplifiers, Splitters and Combiners**
- **Switching systems and Distributing Matrices**
- **Routing products and Multiplexers**
- **RF signal transmission products over optical fiber**

We can also configure custom combinations of these functions within the DC-26.5 GHz frequency range. Accessory products such as Lightning Protection, Bias Tees as well as Triple Play solutions, help make your critical signal transmission easy and reliable. Control your DEV equipment easily via our user-friendly Web interfaces, SNMP, or other monitor and control methods.

Don't hesitate to call us with any of your RF transmission needs between antenna and receiver. Whatever your requirement, we've got it covered.

Example of an L-Band Signal Transmission System



**Ericsson UK,
Southampton, UK**

“DEV’s leading-edge products and fast delivery times have enabled us to meet our project objectives. DEV is particularly flexible and creative in fulfilling systems integrators’ needs. Its competence in all product areas, from antenna to receiver, is extremely strong.”

**Toby Finch,
Director of Customer
Development,
Ericsson UK**

**MDS America, Inc.,
Stuart, USA**

“We enjoy cooperating with the DEV team so much because they find solutions for such a wide range of signal transmission tasks. Their order processing system is also very effective and they have always met their promised lead times.”

**Allen Quinn,
Sales & Marketing Manager,
MDS America, Inc.**

**AMT Group,
Moscow, Russia**

“When it comes to availability and technical specifications, DEV products are outstanding. They meet all the requirements of AMT Group to design and deploy a high-performance, redundant digital headend for DVB and IPTV operators in Russia.”

**Zaven Kirakosov,
Networks and Communica-
tions Division Manager,
AMT Group**

WHY YOU'LL LIKE WHAT WE DO.

All our products are designed for operation in multiple frequency bands and impedances to meet a wide spectrum of unique customer needs. This makes them equally suitable for:

- Systems integrators for cable headends and satellite ground stations
- Operators of large cable TV networks
- IP TV providers
- Production plants for telecommunication equipment with RF transmission parameters
- Satellite operators
- Teleports and playout centers
- Military satellite communications

No matter what your needs. For any kind and combination of RF signal transmission. For transmission via a coaxial cable or fiber-optic link. For Broadband, CATV-Band, L-Band, C-Band, X-Band, or Ku-Band. There is only one choice.

DEV – your best-fit partner for RF over fiber, coax, and satellite inter-facility links.

Ready to work with us?

We're always excited about meeting new challenges from our customers – and we believe you'll enjoy working with us. To discuss your future requirements, contact us today:

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