

HEADQUARTER

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HFC & FTTX · DIGITAL VIDEO · DOCSIS EQUIPMENT · MEASUREMENT EQUIPMENT **DISTRIBUTION · PLANNING & INSTALLATION · REPAIR & MAINTENANCE · TRAINING**







Equipment & Solutions for **Broadband** Networks

Normann Engineering specializes in providing full solutions, equipment and professional services for broadband networks.

With our HQ in Austria and subsidiaries in five European countries we are serving a growing number of international customers. A strong, customer-focused approach, a high level of technical support and partnership with industry-leading manufacturers have enabled our company to establish ourselves as market leader in many fields.



Our Offer for refurbished **Equipment**

We provide very cost-efficient and tested refurbished equipment for broadband networks including manufacturer support and extended warranty. We combine our product offers with professional services and suitable software solutions for facilitating the implementation in our customers' networks. With stocks in different countries we can react quickly to the requirements of our customers.

DOCSIS EQUIPMENT · HFC EQUIPMENT GPON EQUIPMENT · MEASUREMENT EQUIPMENT

Activities



We are offering a complete range of products and services for digital video projects including the setup of antenna sites as well as the implementation of complex OTT projects.











DOCSIS SOLUTIONS





The planning, installation and maintenance of CMTS/CCAP solutions has always been part of our business. As authorized partner of leading producers we are able to provide support accordingly.









MONITORING & PROVISIONING TOOLS



Monitoring tools for digital video or broadband networks and provisioning tools for Docsis or GPON can be provided by us.

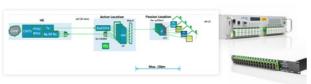








OPTICAL TRANSMISSION EQUIPMENT



Long haul optical links as well as optical signal distribution for HFC or RFoG networks are included in our product range.









GPON EQUIPMENT



We carry and support the products of the biggest GPON manufacturers.







ACTIVE HFC FIELD COMPONENTS



We are equipping our customers with all active components required for HFC networks such as optical nodes, amplifiers or power supplies.









CABLES, CONNECTORS & PASSIVES



We supply optical and coaxial cables, connectors and passives for cable networks.











As authorized partner of VIAVI and other leading producers we are offering measurement tools for cable, fiber, digital video and data.









Professional Services



INTEGRATION IMPLEMENTATION

We offer integration, implementation and also physical installation services for every equipment offered by our company.



REPAIR SERVICES

Repair and maintenance of our products marketed are being accomplished in our own service facilities to a large extent.



REFURBISHMENT SERVICES

CPE refurbishment and customizing are being performed within our own refurbishment facilities.



LAB SERVICES **EQUIPMENT VALIDATION/ANALYSIS**

Equipped with professional measurement tools we perform troubleshooting and validation services.



TRAINING

We offer training and workshops for our clients on a regular basis.