teletronik®

30 years in cable communication...

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About Teletronik AG

With 30 years experience in the manufacture of active and passive CATV elements, Teletronik AG has grown to be one of the leading manufacturers of the scene. The company has the skill to foresee the challenges of the broadband industry and to face the requirements of the technical and electrical development.

teletronik's mission is not only to fulfill the demands of each and every of its customers but also to face the demands of the future. Its business policy "to be flexible in an aggressive way" allows the company to offer competitive products on the broadband market. We feel sure, or at least do hope that similarly to the majority of our customers your company will be satisfied with our products too.

COAXIAL CABLES

Coaxial cable is one of the first products of teletronik AG. Looking back, our company is producing RF cables for almost three decades. Our experience in quality production is a standard.

Every year 15.000.000 m of teletronik coaxial cable is built into homes, mansions, headends, CATV networks. which confirms the trust of our customers in our dedication to cable.

For covering long distance connections in backbone networks choose the trunk series. For home use, and headend applications choose the drop series.

OPTICAL CABLES

FIG8 optical cable

ADSS optical cable

Underground optical cable (Armoured)

Underground optical cable (Non-armoured)

FTTH Cable

FTTH Cable (GYXTPY)

LAN CABLES

Professional UTP, FTP, STP cables for fast and reliable connection.
Computer network cabling
Broadband network communication
Digital ISDN Network and ATM 155Mbps Network
Ethernet network
Audio and data transmission

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RF Network Components

AMPLIFIERS

With the latest technologies teletronik amlifiers are designed for an outstanding fexible line amplifcation.

With a special type of transformer fitted inside the powersupply it is designed to hold energy and even absorb voltage peaks across the feeding line.

POWER SUPPLIES

RF MEASUREING

Continuous technological advancements, flexible, rapid response to market developments and a commitment to quality. This approach make Rover, Sefram and Teletronik measuring instruments to recognized player in the market.

Teletronik produces connectors since the beginning of its existence. Since connectors are a fundamental element of CATV systems we always devoted attention to our production.

LINE AND DISTRIBUTION CONNECTORS

CATV TOOLS

Teletronik tools selection covers the whole product line for crimping, stripping and working with special equipment.

INDOOR PASSIVES

Teletronik indoor passieves are designed to be employed in domestic enviroments. Physically the passives are as compact and durable as possible.

OUTDOOR PASSIVES

Our filters use a patent pending shielding inside the filter tube, which outperforms common EMI shielding used in other filters. We produce any type of filter that suits your needs.

CATV FILTERS

PRO-LINE stands for the top quality and performance models in our passive line.
ECO-LINE is our „golden path" of CATV passives. It combines high power passing and excellent RFI parameters at a modest price.

DOCSIS 3.0/3.1 CMTS

MINI CMTS SERIES

CC8800 series E2-CMTS has as outdoors type and indoor type design, conforms to the DOCSIS 3.0 / 2.0, and supports maximum of 500 cable modems.

Configuration: 16DS x 4US

InCa www.inca-nms.com

All devices are available with optional **InCa Provisioning** and **Network Management System** & **24/7 support service**

C1G

The Casa Systems C1G CMTS implements all of the DOCSIS 3.0 features enabling service providers to cost effectively offer highly scalable broadband services such as IPTV, video-over-IP, interactive gaming, as well as traditional broadband access and VoIP services.

Min. configuration: 2DS x 2US
Max. Symmetric config: 8DS x 8US

C40G

Industry-Leading DOCSIS 3.0 & 3.1 Ready
The C40G has the most extensive DOCSIS 3.0 feature set of any 6RU chassis on the market. It provides the highest channel bonding capability for downstream traffic and upstream traffic.

Min. configuration: 32DS x 32US
Max. Symmetric config: 2048DS x 256US

C3200

Casa Systems C3200 combines a third generation DOCSIS CMTS and an MPEG video Edge-QAM in a very high density, and high availability 3RU platform.

Min. configuration: 4DS x 4US
Max. Symmetric config: 48DS x 48US

C10G

The Casa Systems C10G is a new class of cable edge device that combines a third generation DOCSIS 3.0 CMTS and an MPEG video Edge-QAM in a high density, high availability 12RU platform.

Min. configuration: 2DS x 2US
Max. Symmetric config: 6144DS x 768US

C100G

The C100G delivers the industry's highest CCAP density while consuming the lowest average power per channel, minimizing both expenses and space requirements in the cable headend.

Min. configuration: 32DS x 32US
Max. config: either 8000DS or 1500US

DOCSIS 3.0 CMTS

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FTTx Active Equipment

DZS

GPON OLT - ONT family

Dasan Networks manufactures products and solutions that service the following markets:

• Fiber to the Home/Business/MDU
• Layer 2/3 Switching and Routing
• Carrier Ethernet
• Mobile Backhaul
• Triple Play Services

OPTICAL PASSIVE EQUIPMENT

FTTH RF OVERLAY

Cost effective RF overlay for Ftth including
Externally modulated 1550 transmitter
High power multiport EDFA
All types of receivers

CATV, RF-OVERLAY TRANSMITTERS

Traditional transmitters, receivers for CATV. Teletronik optical equipment represents a bundle of fiber optic products covering all possible domains in this concept. With an existing range of active equipment manifesting for years.
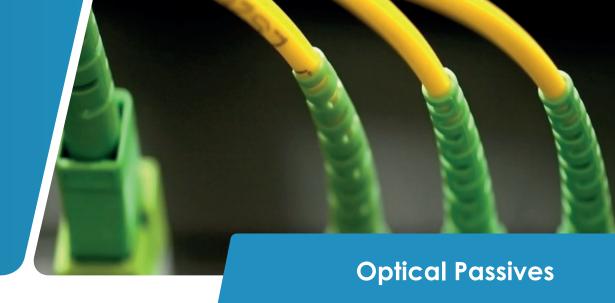
MEASURING INSTRUMENTS

Optical nodes applied to be terminal equipment for television and data service of advantaged HFC networks & Ftth application. Teletronik product nodes in all sizes.

OPTICAL NODES

Teletronik offers simple, handy tools for almost every mesuring process you need, like: power meters, light source, fault locators, optical multimeters, fiber rangers, fiber identifier or optical attenuators.

PATCH CORDS

Simplex or Duplex SM / MM optical patchcord,
pigtails with SC, FC, LC, E2000 connectors,
in various cable lenghts

ADAPTERS AND ATTENUATORS

Wavelength independent, high power
endurance optical attenuators,
and SM-PC, APC & Hybrid adapters
with high precision alignment and low
insertion and back reflection loss.

OPTICAL CLOSURES

Self-impacted sealing, universal designed dome type,
ftth, and inline optical closures with various cable
inlets and optical sealing adapters.
Indoor optical splice closures, terminal,
junction & distribution boxes with various adapter
types and sizes.

Durable and easy to handle node waterproof pigtails
with customized configurations, hinder water-migration.
2 to 8 fibers available.

NODE PIGTAILS

PLC SPLITTERS, AND COUPLERS

PLC, FBT splitters, modules.
Available Output Channel Counts from 2 to 128
Connectors: SC, FC, LC, E2000
Available types: filter, module, LGX, 19"

PATCH PANELS

FUSION SPLICER

Patch panels, distribution boxes with
reasonable structure

User programmable, compact & light weight splicer
with reversible monitor with control panel on each
side, Digital Color LCD display. 8 Sec splice time,
40 Sec tube-heat time and Core alignment.

OPTICAL ACTIVE EQUIPMENT

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Headend Equipment

Blankom reformulate the technology of video signal transmission with solution, which follow the future of telecommunications trends and shape it as well.

BLANKOM A-LINE

BLANKOM SMART BUSINESS LINE

Blankom has a full range of solutions include almost every aspect of the video distribution chain.

MODULAR HEADEND SYSTEM

Our compact modular SMATV headend system supporting up to 16 channels in one 19" 4U chassis. It integrates multiple functions including DTV signal reception, descrambling, decoding and analog modulation.

The PRD-20X series IRD and Processor provides operators an ideal solution for receiving, remultiplexing, descrambling and decoding operations. Equipped with a variety of inputs that ensures compatibility with all transmission media.
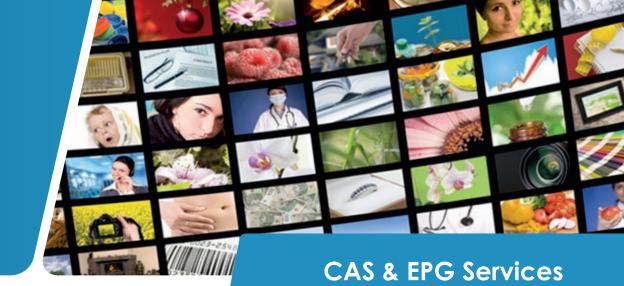
IRD AND PROCESSOR

SENCORE DIGITAL HEADENDS

Sencore is a world class technology company focused on engineering, marketing and delivering innovative and reliable products and services for professional broadcast, satellite, cable, IPTV and content providers around the world to enable efficient, high quality video delivery.

CAS & EPG Services

For more than 40 years of existence, thanks to the extensive, high-quality technological background and the ongoing development of new security developments, Irdeto has been one of the world's most advanced media company in the field of digital content protection.

Teletronik has gained a lot of experience over the years, in high quality and lasting development of STB, of which justified more than 150,000 pieces still functioning box.

Our current range includes several models in the simple zapper devices, IPTV boxes and the hybrid multi-tuner recorder receivers.

Most of the decoder has already access to the Internet, through which we can look TV, listen to Internet radio, where such internet contenta are available as Youtube, Facebook, RSS feeds, news portals, WebTV's.

CAS

www.inca-nms.com

Irdeto CAS is also available with **InCa NMS DVB-C module** to provide a comprehensive subscriber management system.

EPG

In our constantly expanding content supply, in 5 different languages,we can offer more than 200 TV channels program description. In addition, we undertake to prepare PSI / SI tables and we deliver it to the desired headend as well.

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Hybrid TV & IPTV Service

The Hybrid Broadcast Broadband TV or „HbbTV", is a major new pan-European initiative, which is merge the broadcast live television content with plus information available on wide-band, on the usual TVs and Set Top Boxes.

The HbbTV standard is the only forward-looking interactive TV platform, which enabling service providers to develop new services - such as catch-up TV, video on demand (VoD), interactive advertising, personalized content, online voting, games and social networks and related program services – to reach normal TV sets.

Give new form and content opportunities of the EPG presentation, including alternative forms of intermediation.

A revolutionary content centric DVB and IPTV middleware by ANTIK represents new trends in user interface design. Carefully prepared screen-by-screen always with end-user in mind to allow easy and seamless navigation through your content offer.

To compare with standard ANTIK GUI, new approach allows the end-user to forget about the source where the content is coming from (either VOD, catch-up TV, PVR or network or USB drives) and concentrate on pure entertainment selection. Now we can produce new interfaces much faster, with less development effort and to integrate 3rd party content in uncomplicated way.

Moreover, latest design trends and the computing power of contemporary set-top boxes can be fully exploited.

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DISTRIBUTORS

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Netherlands
Norway
Poland
Portugal
Romania
Serbia
Slovakia
Slovenia
Spain
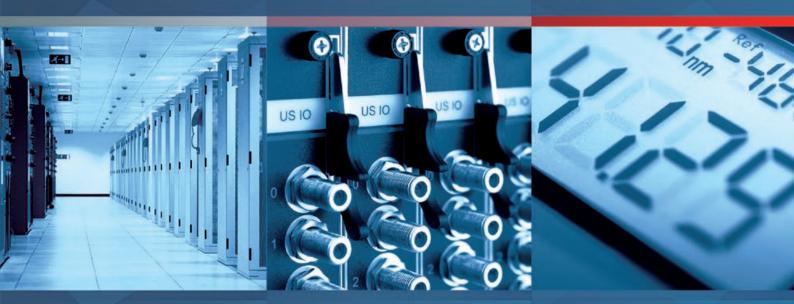**USA-Canada**

For in depth information please visit our webpage

Für mehr Information bitte besuchen Sie unsere Webseite