

RFS – 805

AV → DVB-T MODULATOR



RFS-805 is designed for modulating analogue video and stereo audio to COFDM signal.

It can be used for e.g. info channels and camera control systems.

Then info channel can be received with the standard DVB-T set-top box.

Analogue CVBS, RGB, S-video and YPbPr inputs

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Info channel with DVB-T set-top box
- ❑ CVBS, RGB, S-video and YPbPr inputs
- ❑ DVB-T output

Technical specification

Video encoder

- ❑ MPEG-2, compliant to ISO/IEC13818-2
- ❑ Max bit rate 14 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 256 kbps

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5/6, 7/8
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,6A
- ❑ Dimensions 39 mm*218 mm* 129 mm



RFT – 805 VGA

VGA --> DVB-T MODULATOR



RFT-805VGA is designed for modulating analogue VGA signal from PC to digital DVB-T (SD) signal.

Then info channel can be received with the standard DVB-T set-top box.

Modulator supports VGA resolutions of 640*480@60/72/75/85 Hz, 800*600@ 60/72/75/85Hz, 1024*768@60/72/75/85Hz ja 1280*1024@60Hz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Info channel with DVB-T set-top box
- ❑ **VGA**, CVBS, RGB and YPbPr inputs
- ❑ DVB-T (SD) output

Technical specification

Video encoder

- ❑ MPEG-2, compliant to ISO/IEC13818-2
- ❑ Max bit rate 14 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 448 kbps

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5 /6, 7/8
- ❑ Max. output level 105 dBuV
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,7A
- ❑ Dimensions 72 mm*218 mm* 129 mm



RFT – 805D

TWIN AV --> DVB-T MODULATOR



RFT-805D is designed for modulating two analogue stereo audio and video to COFDM multiplex.

It can be used for e.g. info channels and camera control systems.

Then info channel can be received with the standard DVB-T set-top box.

Assembly for RFT-800 frame, 19" frame or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Info channel with DVB-T set-top box
- ❑ 2* analogue AV input, 1* DVB-T output
- ❑ CVBS, RGB, S-video and YPbPr inputs

Technical specification

Video encoder

- ❑ MPEG-2, compliant to ISO/IEC13818-2
- ❑ Max bit rate 14 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 256 kbps

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5/6, 7/8
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,8A
- ❑ Dimensions 72 mm*218 mm* 129 mm



RFT – 805 HD

HDMI --> DVB-T FULL HD ENCODER



RFT-805HD is a Full-HD encoder to modulate high quality audio and video to antenna network in DVB-T.

Maximum resolution of HDMI input is 1920*1080.

RFT-805HD is perfect to transmit the prestations of conference room to public facilities in HD quality.

Full HD encoder can be used also in theaters and concerts.

Encoder is easy to install and program.

Features

- ❑ Full HD
- ❑ HDMI input
- ❑ DVB-T output

Technical specification

Video encoder

- ❑ MPEG-4 H.264 AVC
- ❑ Max bit rate 28 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 384 kbps

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5 /6, 7/8
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,8A
- ❑ Dimensions 72 mm*218 mm* 129 mm



RFT – 805 HD SDI

SDI --> DVB-T FULL HD ENCODER



RFT-805HD SDI is a Full-HD encoder to modulate high quality audio and video to antenna network in DVB-T.

Maximum resolution of SDI input is 1920*1080.

RFT-805HD SDI is perfect to transmit the prestations of conference room to public facilities in HD quality.

Full HD encoder can be used also in theaters and concerts.

Encoder is easy to install and program.

Features

- ❑ Full HD
- ❑ SDI input, 75 ohm BNC
- ❑ DVB-T output

Technical specification

Video encoder

- ❑ MPEG-4 H.264 AVC
- ❑ Max bit rate 28 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 384 kbps

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5 /6, 7/8
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,8A
- ❑ Dimensions 72 mm*218 mm* 129 mm



AV – 200T

AV → DVB-T MODULATOR



AV-200T is designed for modulating analogue video and stereo audio to COFDM signal.

It can be used for e.g. info channels and camera control systems.

Then info channel can be received with the standard DVB-T set-top box.

Analogue CVBS, RGB, S-video and YPbPr inputs

Assembly for 19" rack.

Simple OSD programming with the remote control unit.

Available models are:

AV-210T	1* AV IN, 1* DVB-T out
AV-220T	2* AV IN, 2* DVB-T out

Features

- ❑ Info channel with DVB-T set-top box
- ❑ CVBS, RGB, S-video and YPbPr inputs
- ❑ DVB-T output

Technical specification

Video encoder

- ❑ MPEG-2, compliant to ISO/IEC13818-2
- ❑ Max bit rate 14 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 256 kbps

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5/6, 7/8
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,6A (AV-210T), 1,2A (AV-220T)
- ❑ Dimensions 19", 1RU



RFS – 806

AV → DVB-C MODULATOR



RFS-806 is designed for modulating analogue video and stereo audio to QAM signal.

It can be used for e.g. info channels and camera control systems.

Then info channel can be received with the standard DVB-C set-top box.

Analogue CVBS, RGB, S-video and YPbPr inputs

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Info channel with DVB-C set-top box
- ❑ CVBS, RGB, S-video and YPbPr inputs
- ❑ DVB-C output

Technical specification

Video encoder

- ❑ MPEG-2, compliant to ISO/IEC13818-2
- ❑ Max bit rate 14 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 256 kbps

QAM output

- ❑ Modulation
16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range
114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption
16VDC/0,6A
- ❑ Dimensions
39 mm*218 mm* 129 mm



RFT – 806 VGA

VGA → DVB-C MODULATOR



RFT-806VGA is designed for modulating analogue VGA signal from PC to digital DVB-C (SD) signal.

Then info channel can be received with the standard DVB-C set-top box.

Modulator supports VGA resolutions of 640*480@60/72/75/85 Hz, 800*600@ 60/72/75/85Hz, 1024*768@60/72/75/85Hz ja 1280*1024@60Hz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- Info channel with DVB-C set-top box
- **VGA**, CVBS, RGB and YPbPr inputs
- DVB-C (SD) output

Technical specification

Video encoder

- MPEG-2, compliant to ISO/IEC13818-2
- Max bit rate 14 Mbps

Audio encoder

- MPEG audio layer 1/2
- Compliant to ISO/IEC11172-3
- Max bit rate 448 kbps

QAM output

- Modulation
16, 32, 64, 128, 256 QAM
- Symbol rate 1...8 Msymb/s
- Max. output level 105 dBuV
- Output frequency range
114 ... 858 MHz

General

- Operating voltage 16 VDC
- Power consumption
16VDC/0,7A
- Dimensions
72 mm*218 mm* 129 mm



RFT – 806D

TWIN AV --> DVB-C MODULATOR



RFT-806D is designed for modulating analogue stereo audio and video to QAM signal.

It can be used for e.g. info channels and camera control systems.

Then info channel can be received with the standard DVB-C set-top box.

Assembly for RFT-800 frame, 19" frame or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Info channel with DVB-C set-top box
- ❑ 2*analogue AV input, DVB-C output
- ❑ CVBS, RGB, S-video and YPbPr inputs

Technical specification

Video encoder

- ❑ MPEG-2, compliant to ISO/IEC13818-2
- ❑ Max bit rate 14 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 256 kbps

QAM output

- ❑ Modulation
16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range
114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption
16VDC/0,8A
- ❑ Dimensions
72 mm*218 mm* 129 mm



RFT – 806 HD

HDMI --> DVB-C FULL HD ENCODER



RFT-806HD is a Full-HD encoder to modulate high quality audio and video to QAM network.

Maximum resolution of HDMI input is 1920*1080.

RFT-806HD is perfect to transmit the prestations of konference room to public facilities in HD quality.

Full HD encoder can be used also in teathers and concerts.

Encoder is easy to install and program.

Features

- ❑ Full HD
- ❑ HDMI input
- ❑ QAM output

Technical specification

Video encoder

- ❑ MPEG-4 H.264 AVC
- ❑ Max bit rate 28 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 384 kbps

QAM output

- ❑ Modulation
16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range
114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption
16VDC/0,8A
- ❑ Dimensions
72 mm*218 mm* 129 mm



RFT – 806 HD SDI

SDI --> DVB-C FULL HD ENCODER



RFT-806HD SDI is a Full-HD encoder to modulate high quality audio and video to QAM network.

Maximum resolution of SDI input is 1920*1080.

RFT-806HD SDI is perfect to transmit the prestations of conference room to public facilities in HD quality.

Full HD encoder can be used also in theaters and concerts.

Encoder is easy to install and program.

Features

- ❑ Full HD
- ❑ SDI input, 75 ohm BNC
- ❑ QAM output

Technical specification

Video encoder

- ❑ MPEG-4 H.264 AVC
- ❑ Max bit rate 28 Mbps

Audio encoder

- ❑ MPEG audio layer 1/2
- ❑ Compliant to ISO/IEC11172-3
- ❑ Max bit rate 384 kbps

QAM output

- ❑ Modulation
16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range
114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption
16VDC/0,8A
- ❑ Dimensions
72 mm*218 mm* 129 mm



AV – 200C

AV → DVB-C MODULATOR



AV-200C is designed for modulating analogue video and stereo audio to QAM signal.

It can be used for e.g. info channels and camera control systems.

Then info channel can be received with the standard DVB-C set-top box.

Analogue CVBS, RGB, S-video and YPbPr inputs

Assembly for 19" rack.

Simple OSD programming with the remote control unit.

Available models are:

AV-210C	1* AV IN, 1* DVB-C out
AV-220C	2* AV IN, 2* DVB-C out

Features

- Info channel with DVB-C set-top box
- CVBS, RGB, S-video and YPbPr inputs
- DVB-C output

Technical specification

Video encoder

- MPEG-2, compliant to ISO/IEC13818-2
- Max bit rate 14 Mbps

Audio encoder

- MPEG audio layer 1/2
- Compliant to ISO/IEC11172-3
- Max bit rate 256 kbps

QAM output

- Modulation
16, 32, 64, 128, 256 QAM
- Symbol rate 1...8 Msymb/s
- Output level 105 dBuV max
- Output frequency range
114 ... 858 MHz

General

- Operating voltage 16 VDC
- Power consumption
16VDC/0,6A (AV-210T),
1,2A (AV-210T)
- Dimensions
19", 1RU



RFS – 845HD

DVB-S/S2 --> COFDM HD REMUX MODULATOR



RFS-845 transforms digital 8PSK/QPSK programs from satellite TV transponder to COFDM signal. Then satellite TV programs can be received with DVB-T set-top box.

With one RFS-845 unit can be processed 1-2 HD programs (multiplex) depending on channel bit rate of programs.

RFS-845 is equipped with CI slot for the most common CA modules.

Both output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-T set-top box
- ❑ DVB-S/S2 input, DVB-T output
- ❑ For HD and SD programs

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ Automatic FEC selection
- ❑ DVB-S/S2 compatible

COFDM output

- ❑ Bandwidth 7MHz or 8 MHz
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,6A
- ❑ Dimensions 39 mm*218 mm* 129 mm



RFT – 845HD

TWIN DVB-S/S2 → COFDM HD REMUX MODULATOR



Features

- ❑ Satellite TV programs with DVB-T set-top box
- ❑ Two DVB-S2 inputs, two DVB-T outputs
- ❑ For HD and SD programs
- ❑ Easy to expand

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ Automatic FEC selection
- ❑ DVB-S/S2 compatible

COFDM output

- ❑ Bandwidth 7MHz or 8 MHz
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/1,2A
- ❑ Dimensions 72 mm*218 mm* 129 mm

RFT-845HD transforms digital 8PSK/QPSK programs from satellite TV transponder to COFDM signal. Then satellite TV programs can be received with DVB-T set-top box.

With one RFT-845HD unit can be processed 2-4 HD programs (two multiplex) depending on channel bit rate of programs.

RFT-845 is equipped with two CI slots for the most common CA modules.

Both output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

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4MX – 845HD

4 MUX DVB-S/S2 --> DVB-T HEADEND



4MX-845HD transforms digital QPSK/8PSK programs from satellite TV transponder to COFDM signal. Then satellite TV programs can be received with DVB-T set-top box.

The system can process even 30 digital satellite-TV programs to 4 DVB-T multiplexes.

4MX-845HD is equipped with 4 CI slots for the most common CA modules.

Practical mounting set.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-T set-top box
- ❑ For HD and SD programs
- ❑ 4 DVB-S/S2 inputs, 1 DVB-T output/4 mux
- ❑ Slots for 4 CAM

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5/6, 7/8
- ❑ Output level 100 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/3,5A
- ❑ Dimensions 142 mm*320 mm* 223 mm

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DST – 800CI

DVB-S/S2 → DVB-T REMUX MODULATOR



Features

- ❑ Satellite TV programs with DVB-T set top box
- ❑ Single (DST-810) and twin (DST-820) models are available
- ❑ For HD and SD programs
- ❑ Easy to expand

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

COFDM output

- ❑ FFT 2k mode
- ❑ Guard interval 1/32
- ❑ FEC 1/2, 2/3, 3/4, 5/6, 7/8
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

DST-800CI series remux modulators transform QPSK/8PSK programs from satellite TV transponder to COFDM signal.

Then satellite TV programs can be received with standard DVB-T set top box.

Single (DST-810) and twin (DST-820) models are available.

Twin remodulator DST-820 minimizes space requirements at the head end.

DST-800 units are equipped with CI slots for the most common CA modules.

Simple OSD programming with the remote control unit.



RFS – 846HD

DVB-S/S2 --> QAM HD REMUX MODULATOR



RFS-846CI transforms digital 8PSK/QPSK programs from satellite TV transponder to QAM signal. Then satellite TV programs can be received with DVB-C set-top box.

With one RFS-846CI unit can be processed 1-2 HD programs depending on channel bit rate of programs.

RFS-846CI is equipped with CI slot for the most common CA modules.

Output channel is freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-C set-top box
- ❑ DVB-S/S2 input, DVB-C output
- ❑ For HD and SD programs

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ Automatic FEC selection
- ❑ DVB-S/S2 compatible

QAM output

- ❑ Modulation 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,6A
- ❑ Dimensions 39 mm*218 mm* 129 mm



RFT – 846HD

TWIN DVB-S2 → QAM HD REMUX MODULATOR



RFT-846 transforms digital 8PSK/QPSK programs from satellite TV transponder to QAM signal. Then satellite TV programs can be received with DVB-C set-top box.

With one RFT-846 unit can be processed 2 HD satellite transponders (two multiplex).

RFT-846 is equipped with two CI slots for the most common CA modules.

Both output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs to cable TV signal (QAM)
- ❑ Two DVB-S2 inputs, two DVB-C outputs
- ❑ For HD and SD programs
- ❑ Easy to expand

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S2 compatible

QAM output

- ❑ Modulation 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/1,2A
- ❑ Dimensions 72 mm*218 mm* 129 mm

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4MX – 846HD

4 MUX DVB-S/S2 --> DVB-C HEADEND



4MX-846HD transforms digital QPSK/8PSK programs from satellite TV transponder to QAM signal. Then satellite TV programs can be received with DVB-C set-top box.

The system can process even 60 digital satellite-TV programs to 4 DVB-C multiplex.

4MX-846HD is equipped with 4 CI slots for the most common CA modules.

Compact mounting set.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-C set-top box
- ❑ For HD and SD programs
- ❑ 4 DVB-S/S2 inputs, 1 DVB-C output/4 mux
- ❑ Slots for 4 CAM

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

QAM output

- ❑ Modulation 16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 100 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/2,5A
- ❑ Dimensions 142 mm*320 mm* 223 mm

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DSC – 800CI

DVB-S/S2 → DVB-C REMUX MODULATOR



Features

- ❑ Satellite TV programs with DVB-C set top box
- ❑ For HD and SD programs
- ❑ Single (DSC-810) and twin (DSC-820) models are available
- ❑ Easy to expand

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

QAM output

- ❑ Modulation 16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

DSC-800CI series remux modulators transforms QPSK/8PSK programs from satellite TV transponder to QAM signal.

Then satellite TV programs can be received with standard DVB-C set top box.

Single (DSC-810) and twin (DSC-820) models are available.

Twin remodulator DSC-820 minimize space requirements at the head end.

DSC-800HD units are equipped with CI slots for the most common CA modules.

Simple OSD programming with the remote control unit.



RFQ – 846

QUATRO DVB-S/S2 TO QAM TRANSMODULATOR



RFQ-846 is quatro remumux/transmodulator from 8PSK/QPSK to QAM.

With one RFQ-846 unit can be processed 4 satellite TV transponders to 4 QAM multiplexes.

Output channels are selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs to cable TV signal (QAM)
- ❑ Four DVB-S/S2 inputs, four DVB-C outputs
- ❑ For HD and SD programs
- ❑ Easy to expand

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S2 compatible

QAM output

- ❑ Modulation 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 4*102 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/1,7A
- ❑ Dimensions 72 mm*218 mm* 129 mm



8MX – 846HD

8 MUX DVB-S/S2 → DVB-C HEADEND



8MX-846HD transforms digital QPSK/8PSK programs from satellite TV transponder to QAM signal. Then satellite TV programs can be received with DVB-C set-top box.

The system can process more than 100 digital satellite-TV programs to 8 DVB-C multiplexes.

Compact mounting set.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-C set-top box
- ❑ For HD and SD programs
- ❑ 4 DVB-S/S2 inputs, 1 DVB-C output/8 mux
- ❑ For FTA programs

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

QAM output

- ❑ Modulation 16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 95 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/3,5A
- ❑ Dimensions 142 mm*320 mm* 223 mm

RF-Tuote Oy, Joensuukatu 13, 24100 Salo, FINLAND
tel: +358-2-7366360, fax: +358-2-7366355
e-mail: info@rf-tuote.fi www.rf-tuote.fi



16MX – 846HD

16 MUX DVB-S/S2 → DVB-C HEADEND



16MX-846HD transforms digital QPSK/8PSK programs from satellite TV transponder to QAM signal. Then satellite TV programs can be received with DVB-C set-top box.

The system can process more than 200 digital satellite-TV programs to 16 DVB-C multiplexes.

Compact mounting set.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-C set-top box
- ❑ For HD and SD programs
- ❑ 8 DVB-S/S2 inputs, 1 DVB-C output/16 muxes
- ❑ Active output combiner

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

QAM output

- ❑ Modulation 16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/s
- ❑ Output level 102 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/7,0A
- ❑ Dimensions 142 mm*420 mm* 223 mm

RF-Tuote Oy, Joensuukatu 13, 24100 Salo, FINLAND
tel: +358-2-7366360, fax: +358-2-7366355
e-mail: info@rf-tuote.fi www.rf-tuote.fi



32MX – 846HD

32 MUX DVB-S/S2 → DVB-C HEADEND



32MX-846HD transforms digital QPSK/8PSK programs from satellite TV transponder to QAM signal. Then satellite TV programs can be received with DVB-C set-top box.

The system can process more than 300 digital satellite-TV programs to 32 DVB-C multiplexes.

Compact mounting set.

Simple OSD programming with the remote control unit.

Features

- ❑ Satellite TV programs with DVB-C set-top box
- ❑ For HD and SD programs
- ❑ 16 DVB-S/S2 inputs/32 tuners, 1 DVB-C output/32 muxes
- ❑ Active output combiner

Technical specification

QPSK/8PSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

QAM output

- ❑ Modulation 16, 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 102 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/7,0A
- ❑ Dimensions 142 mm*420 mm* 223 mm

RF-Tuote Oy, Joensuunkatu 13, 24100 Salo, FINLAND
tel: +358-2-7366360, fax: +358-2-7366355
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RFT – 847

4 * DVB-S/S2 --> IP STREAMER



RFT-847 transforms digital 8PSK/QPSK programs from four satellite TV transponder to IP transport stream. Then satellite TV programs can be received with PC, IP STB or Smart TV.

RFT-847 is valid for SD and HD programs.

With one RFT-847 unit can be transmitted 4 *TS (up to 50 programs) as unicast or up to 8 programs as multicast.

RFT-847 can be equipped with CI slot (option) for the most common CA modules.

Assembly for RFT-800 system or stand-alone.

Easy WEB control interface.

Features

- ❑ Satellite TV programs with Smart TV
- ❑ SD and HD
- ❑ 4 transponders as unicast or up to 8 programs as multicast

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ Automatic FEC selection
- ❑ DVB-S/S2 compatible

IP output

- ❑ SPTS
- ❑ Max. Bit rate 40 Mbit/s
- ❑ Unicast and Multicast UDP streaming
- ❑ UpnP-DNLA 1.5 Server
- ❑ IGMP Server
- ❑ Support SAP (Service Announcement Protocol)

General

- ❑ Power consumption 16VDC/1,1A
- ❑ Input 2* F-female
- ❑ Output 1* RJ-45
- ❑ Dimensions 71 mm*214 mm* 149 mm



RFT – 8X7

DVB-T/DVB-C/DVB-S/S2 --> IP STREAMER



RFT-8X7 transforms digital DVB-T/C and DVB-S/S2 programs into IP transport stream. Then digital terrestrial and satellite TV programs can be received with PC, IP STB or Smart TV.

RFT-8X7 is valid for both SD and HD programs

With one RFT-8X7 unit can be transmitted 4 *TS (up to 50 programs) as unicast or up to 8 programs as multicast.

RFT-8X7 can be equipped with CI slot (option) for the most common CA modules.

Assembly for RFT-800 system or stand-alone.

Easy WEB control interface.

Features

- ❑ Digital TV programs with Smart TV
- ❑ SD and HD
- ❑ 4 transponders as unicast or up to 8 programs as multicast

Technical specification

DVB-T/C demodulator

- ❑ Input frequency range 177,5 - 858 MHz
- ❑ Input level 45 ... 80 dBuV
- ❑ Automatic FEC decoder

8PSK/QPSK demodulator

- ❑ Input frequency range 950-2150 Mhz
- ❑ Max. 40 Msymb/s per transponder
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

IP output

- ❑ SPTS
- ❑ Max bit rate 40 Mbit/s
- ❑ Multicast and Unicast UDP streaming
- ❑ UpnP-DNLA 1.5 Server
- ❑ IGMP Server
- ❑ Support SAP (Service Announcement Protocol)

General

- ❑ Power supply 16VDC/1,1A
- ❑ Input connectors 3* F-female
- ❑ Output connector 1* RJ-45
- ❑ Dimensions 71 mm*214 mm* 149 mm



DXI – 800

DVB-T/DVB-C/DVB-S/S2 → IP STREAMER



DXI-800 is HD compatible IP streamer designed for a processing 8PSK/QPSK (DVB-S/S2) and COFDM/QAM modulated signals to data broadcast (IP) connected to Ethernet.

Then digital terrestrial and satellite TV programs can be received with VLC Player, IP STB, tablet- or Smart TV.

DXI-800 is both SD and HD compatible.

The system is easy to program with PC via WEB browser.

Available models:

DXI-810 CI	4*DVB-S/S2 → IP
DXI-820 CI	8*DVB-S/S2 → IP
DXI-810 S/T/C	2*DVB-S/S2 + 2* DVB-T/C → IP
DXI-820 S/T/C	4* DVB-S/S2 + 4* DVB-T/C → IP
DXI-810 S/T/C CI	2*DVB-S/S2 + 2* DVB-T/C → IP
DXI-820 S/T/C CI	4* DVB-S/S2 + 4* DVB-T/C → IP

Features

- ❑ Digital TV programs with Smart TV
- ❑ SD and HD compatible
- ❑ 4 transponders as unicast or up to 8 programs as multicast

Technical specification

DVB-T/C demodulator

- ❑ Input frequency range 177,5 - 858 MHz
- ❑ Input level 45 ... 80 dBuV
- ❑ Automatic FEC decoder

8PSK/QPSK demodulator

- ❑ Input frequency range 950-2150 Mhz
- ❑ Max. 40 Msymb/s per transponder
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

IP output

- ❑ SPTS
- ❑ Max bit rate 40 Mbit/s
- ❑ Multicast and Unicast UDP streaming
- ❑ UpnP-DNLA 1.5 Server
- ❑ IGMP Server
- ❑ Support SAP (Service Announcement Protocol)

General

- ❑ Input connectors 3* F-female
- ❑ Output connector 1* RJ-45
- ❑ Dimensions 1RU, 19"



DXI – 807

2* AV IN --> IP STREAMER



DXI-807 is designed for streaming 2 analogue audio and video signals over IP.

DXI-807 is excellent product for videoconferencing and other public video-on-demand services.

AV over IP gives several advantages compared to conventional RF distribution. Modern AV over IP system can use existing LAN infrastructure.

Technical specification

Video encoder

- ☐ MPEG-2, compliant to ISO/IEC13818-2
- ☐ Max bit rate 14 Mbps

Audio encoder

- ☐ MPEG audio layer 1/2
- ☐ Compliant to ISO/IEC11172-3

Max bit rate 256 kbps

IP output

- ☐ SPTS
- ☐ Max bit rate 40 Mbit/s
- ☐ Multicast and Unicast UDP streaming
- ☐ UpnP-DNLA 1.5 Server
- ☐ IGMP Server
- ☐ Support SAP (Service Announcement Protocol)

General

- ☐ Input connectors
3* F-female
- ☐ Output connector
1* RJ-45
- ☐ Dimensions
1RU, 19"



TTS – 7CI

Tablet TV system



TTS-7CI transforms digital 8PSK/QPSK programs from four satellite TV transponders to IP transport stream. Then satellite TV programs can be received with PC, IP STB, Smart TV or tablet TV.

TTS-7CI can transmit SD and HD programs to Ethernet or via WLAN.

With one TTS-7CI unit can be transmitted 4 *TS (up to 50 programs) as unicast or up to 8 programs as multicast.

TTS-7CI equipped with CI slot for the most common CA modules.

Easy WEB control interface.

Features

- ❑ Satellite TV programs with Tablet TV
- ❑ SD and HD
- ❑ 4 transponders as unicast or up to 8 programs as multicast

Technical specification

8PSK/QPSK demodulator

- ❑ Frequency range 950-2150 MHz
- ❑ Input level -65 ... -25 dBm
- ❑ Automatic FEC selection
- ❑ DVB-S/S2 compatible

IP output

- ❑ SPTS
- ❑ Max. Bit rate 40 Mbit/s
- ❑ Unicast and Multicast UDP streaming
- ❑ UpnP-DNLA 1.5 Server
- ❑ IGMP Server
- ❑ Support SAP (Service Announcement Protocol)

General

- ❑ Power consumption 5VDC/4A (max.), 5VDC2,5A (typical)
- ❑ Dimensions 63 mm*183 mm* 165 mm

TTS – 7

Tablet TV system



Available models:

TTS-7	4*DVB-S/S2 to IP stream
TTS-7CI	4*DVB-S/S2 to IP stream with CI
TTS-7 Wi-Fi	4*DVB-S/S2 to IP stream with Wi-Fi
TTS-7CI Wi-Fi	4*DVB-S/S2 to IP stream with CI and Wi-Fi
TTS-7X	2*DVB-T/C + 2*DVB-S/S2 to IP stream
TTS-7XCI	2*DVB-T/C + 2*DVB-S/S2 to IP stream with CI
TTS-7X Wi-Fi	2*DVB-T/C + 2*DVB-S/S2 to IP stream with Wi-Fi
TTS-7XCI Wi-Fi	2*DVB-T/C + 2*DVB-S/S2 to IP stream with CI and Wi-Fi

Features

- ❑ Digital TV programs with Smart TV
- ❑ SD and HD
- ❑ 4 transponders as unicast or up to 8 programs as multicast

Technical specification

DVB-T/C demodulator

- ❑ Input frequency range 177,5 - 858 MHz
- ❑ Input level 45 ... 80 dBuV
- ❑ Automatic FEC decoder

8PSK/QPSK demodulator

- ❑ Input frequency range 950-2150 Mhz
- ❑ Max. 40 Msymb/s per transponder
- ❑ Input level -65 ... -25 dBm
- ❑ DVB-S/S2 compatible

IP output

- ❑ SPTS
- ❑ Max bit rate 40 Mbit/s
- ❑ Multicast and Unicast UDP streaming
- ❑ UpnP-DNLA 1.5 Server
- ❑ IGMP Server
- ❑ Support SAP (Service Announcement Protocol)

General

- ❑ Power supply 5VDC/x,xA
- ❑ Input connectors 3* F-female
- ❑ Output connector 1* RJ-45
- ❑ Dimensions 63 mm*183 mm*165 mm



RFS – 831CI

QPSK/AM REMODULATOR FOR CABLE NETWORK



RFS-831CI is designed for a processing QPSK modulated satellite signals into standard analogue CCIR channels.

High quality VSB modulators with A2 stereo give excellent adjacent channel operation on VHF/UHF band.

Audio switching between L/R or R/L is possible in swap dual mode.

RFS-831CI is equipped with two CI slots for the most common CA modules.

Assembly for RFT-800 system, 19" rack or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Valid for both radio and TV signals
- ❑ High audio and video quality
- ❑ A2/dual/swap dual stereo
- ❑ Parameters remain after power break and service interruptions

Technical specification

Tuners

- ❑ 1 inputs, 1 channels
- ❑ Input frequency 950-2150 MHz
- ❑ RF input level -70...-25 dBm

Demodulators

- ❑ Waveform QPSK (SCPC, MCPC)
- ❑ Symbol rate 2 - 45 MS/s
- ❑ Automatic FEC
- ❑ MPEG-2 ISO/IEC 13818
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
- ❑ B/G, D/K, I, L, M/N standards
- ❑ Frequency range 112,25 ... 855,25 MHz
- ❑ Output level 85-105 dBμV
- ❑ Spurious products $\leq$ 60dBc
- ❑ S/N weighted 55 dB



RFT – 831CI

TWIN QPSK/AM REMODULATOR FOR CABLE NETWORK



RFT-831CI is designed for a processing two QPSK modulated satellite signals into standard analogue CCIR channels.

High quality VSB modulators with A2 stereo give excellent adjacent channel operation on VHF/UHF band.

Audio switching between L/R or R/L is possible in swap dual mode.

RFT-831CI is equipped with two CI slots for the most common CA modules.

Assembly for RFT-800 system, 19" rack or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ Valid for both radio and TV signals
- ❑ High audio and video quality
- ❑ A2/dual/swap dual stereo
- ❑ Parameters remain after power break and service interruptions

Technical specification

Tuners

- ❑ 2 inputs, 2 channels
- ❑ Input frequency 950-2150 MHz
- ❑ RF input level -70...-25 dBm

Demodulators

- ❑ Waveform QPSK (SCPC, MCPC)
- ❑ Symbol rate 2 - 45 MS/s
- ❑ Automatic FEC
- ❑ MPEG-2 ISO/IEC 13818
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
- ❑ B/G, D/K, I, L, M/N standards
- ❑ Frequency range 112,25 ... 855,25 MHz
- ❑ Output level 85-105 dBμV
- ❑ Spurious products $\leq$ 60dBc
- ❑ S/N weighted 55 dB



RFT – 851FTA

TWIN DVB-T MPEG-2/AM REMODULATOR FOR CABLE NETWORK



RFT-851FTA is a twin DVB-T MPEG-2/AM remodulator for the reception of for digital terrestrial TV programs.

RFT-851FTA is suitable for small and medium size community antenna systems, giving RF output on channels S2 ... E69.

High quality A2 stereo modulators give perfect video and audio.

Receivers and modulators are simple to program with OSD menu.

Features

- ❑ Valid for DVB-T MPEG-2 signal
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ Parameters remain after power break and service interruptions

Technical specification

COFDM demodulators

- ❑ Input frequency 470-860 MHz
- ❑ RF input level 35-85 dBuV
- ❑ Bandwidth 8 MHz

Transport stream decoder

- ❑ Transport stream MPEG-2
ISO/IEC 13818 MPEG-4
ISO/IEC 14496
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
- ❑ B/G, D/K, I, L, M/N standards
- ❑ Frequency range 112,25 ... 855,25 MHz
- ❑ Output level 85-105 dBuV
- ❑ Spurious products $\leq$ 60dBc



4MX – 831CI

PROFESSIONAL 4CH. DIGITAL SATELLITE-TV HEADEND



4MX-831CI is a compact 4 channel DVB-S to PAL headend.

4MX-831CI system is able to convert four digital satellite-TV programs directly into frequency range 112,25 – 855,25 MHz.

High quality VSB stereo modulators give excellent adjacent channel operation on VHF/UHF band.

4MX-831CI is valid both for FTA or scrambled programs.

Receivers and modulators are simple to program by guided quick programming menu.

Features

- ❑ Valid for both radio and TV signals
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ All functions are processor controlled
- ❑ Parameters remain after power break and service interruptions

Technical specification

LNB/Tuners

- ❑ Input frequency 950-2150 MHz
- ❑ RF input level -70...-25 dBm

Demodulators

- ❑ Waveform QPSK (SCPC, MCPC)
- ❑ Symbol rate 4 - 45 MS/s

TV modulators

- ❑ Modulation AM VSB A2 stereo
- ❑ Frequency range 112,25 ... 855,25 MHz
- ❑ Output level 80-100 dBμV
- ❑ Spurious products $\leq$ 60dBc



SAT – 40CI

PROFESSIONAL 4CH. DIGITAL SATELLITE-TV HEADEND



SAT-40CI is a wise novelty to up-date SMATV or CATV headend for digital age.

SAT-40CI system is able to convert four digital satellite-TV programs directly into frequency range 112,25 – 855,25 MHz.

High quality VSB stereo modulators give excellent adjacent channel operation on VHF/UHF band.

SAT-40CI is valid both for FTA or scrambled programs.

Receivers and modulators are simple to program by guided quick programming menu.

Features

- ❑ Valid for both radio and TV signals
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ All functions are processor controlled
- ❑ Parameters remain after power break and service interruptions

Technical specification

LNB/Tuners

- ❑ Input frequency 950-2150 MHz
- ❑ RF input level -70...-25 dBm

Demodulators

- ❑ Waveform QPSK (SCPC, MCPC)
- ❑ Symbol rate 4 - 45 MS/s

TV modulators

- ❑ Modulation AM VSB A2 stereo
- ❑ Frequency range 112,25 ... 855,25 MHz
- ❑ Output level 80-100 dBμV
- ❑ Spurious products $\leq$ 60dBc



DRM – 800CI

QPSK/AM REMODULATOR



DRM-800CI series remodulators are for digital satellite (CI) processing.

DRM-800 is designed for CATV and SMATV headends, where flawless performance must be secured at all times.

Single (DRM-810CI) and twin (DRM-820CI) models are available.

Twin remodulator DRM-820CI minimize space requirements at the head end.

High quality VSB stereo modulator gives us excellent adjacent channel operation on VHF/UHF band.

Features

- ❑ Single (DRM-810CI) and twin (DRM-820CI) models are available
- ❑ Automatic format conversion Letterbox/4:3 with WSS data to TV
- ❑ A2 stereo

Technical specification

QPSK demodulator

- ❑ Frequency range 900-2150 MHz
- ❑ Input level -65...-25 dBm

Transport stream decoder

- ❑ Transport stream MPEG-2 ISO/IEC 13818
- ❑ Teletext through VBI
- ❑ Subtitling OSD, DVB or teletext

Modulator

- ❑ Modulation AM VSB
- ❑ Output frequency range 112,25...855,25 MHz
- ❑ Maximum output level 105 dBuV per output
- ❑ Spurious products $\leq$ 60dBc

RFS – 851FTA

DVB-T MPEG-2/AM REMODULATOR FOR SMATV



RFT-851 is a DVB-T MPEG-2/AM remodulator for the reception of for digital terrestrial TV programs.

RFT-851 is suitable for small and medium size community antenna systems, giving RF output on channels S2 ... E69.

High quality A2 stereo modulators give perfect video and audio.

Receivers and modulators are simple to program with OSD menu.

Features

- ❑ Valid for DVB-T MPEG-2 signal
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ Parameters remain after power break and service interruptions

Technical specification

COFDM demodulators

- ❑ Input frequency
470-860 MHz
- ❑ RF input level 35-85 dBuV
- ❑ Bandwidth 8 MHz

Transport stream decoder

- ❑ Transport stream
MPEG-2 ISO/IEC 13818
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
- ❑ B/G, D/K, I, L, M/N standards
- ❑ Frequency range
112,25 ... 855,25 MHz
- ❑ Output level 85-105 dBμV
- ❑ Spurious products $\leq$ 60dBc



RFT – 851FTA

TWIN DVB-T MPEG-2/AM REMODULATOR FOR CABLE NETWORK



RFT-851FTA is a twin DVB-T MPEG-2/AM remodulator for the reception of for digital terrestrial TV programs.

RFT-851FTA is suitable for small and medium size community antenna systems, giving RF output on channels S2 ... E69.

High quality A2 stereo modulators give perfect video and audio.

Receivers and modulators are simple to program with OSD menu.

Features

- ❑ Valid for DVB-T MPEG-2 signal
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ Parameters remain after power break and service interruptions

Technical specification

COFDM demodulators

- ❑ Input frequency 470-860 MHz
- ❑ RF input level 35-85 dBuV
- ❑ Bandwidth 8 MHz

Transport stream decoder

- ❑ Transport stream MPEG-2 ISO/IEC 13818
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
- ❑ B/G, D/K, I, L, M/N standards
- ❑ Frequency range 112,25 ... 855,25 MHz
- ❑ Output level 85-105 dBuV
- ❑ Spurious products $\leq$ 60dBc



TER – 40 FTA

PROFESSIONAL 4CH. DVB-T MPEG-4 to ANALOGUE



TER-40FTA is a compact DVB-T/AM headend for the reception of digital terrestrial TV programs. TER-40FTA is valid for both MPEG-2 and MPEG-4 signals.

TER-40 FTA is suitable for small and medium size community antenna systems, giving RF output on channels S2 ... E69.

High quality A2 stereo modulators give perfect video and audio.

Receivers and modulators are simple to program with OSD menu.

Features

- ❑ Valid for both DVB-T MPEG-2 and MPEG-4 signals
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ All functions are processor controlled
- ❑ Parameters remain after power break and service interruptions

Technical specification

COFDM demodulators

- ❑ Input frequency
174-230, 470-860 MHz
- ❑ RF input level 35-85 dBuV

Transport stream decoder

- ❑ Transport stream
MPEG-2 ISO/IEC 13818
MPEG-4 ISO/IEC 14496
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
A2 stereo
- ❑ Frequency range
112,25 ... 855,25 MHz
- ❑ Output level 80-100 dBμV
- ❑ Spurious products $\leq$ 60dBc



TER – 60 FTA

PROFESSIONAL 6CH. DVB-T MPEG-4 to ANALOGUE



TER-60FTA is a compact DVB-T/AM headend for the reception of six digital terrestrial TV programs. TER-60FTA is valid for both MPEG-2 and MPEG-4 signals.

TER-60 FTA is suitable for small and medium size community antenna systems, giving RF output on channels S2 ... E69.

High quality A2 stereo modulators give perfect video and audio.

Receivers and modulators are simple to program with OSD menu.

Features

- ❑ Valid for both DVB-T MPEG-2 and MPEG-4 signals
- ❑ High audio and video quality
- ❑ A2 stereo
- ❑ All functions are processor controlled
- ❑ Parameters remain after power break and service interruptions

Technical specification

COFDM demodulators

- ❑ Input frequency
177,5-226,5 MHz
480,5-816,5 MHz
- ❑ RF input level 35-85 dBuV

Transport stream decoder

- ❑ Transport stream
MPEG-2 ISO/IEC 13818
MPEG-4 ISO/IEC 14496
- ❑ Teletext through VBI
- ❑ DVB or teletext subtitling

TV modulators

- ❑ Modulation AM VSB
A2 stereo
- ❑ Frequency range
112,25 ... 855,25 MHz
- ❑ Output level 80-100 dBuV
- ❑ Spurious products $\leq$ 60dBc



RFS – 801

VSB STEREO TV MODULATOR FOR CABLE NETWORK



RFS-801 is a wideband VSB modulator for modulating signal from video or baseband source.

The high quality A2 stereo modulator gives perfect adjacent channel operation on VHF/UHF band.

RFS-801 features high output level with excellent signal purity.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with remote control unit.

Features

- ❑ High output level of 105 dB μ V with excellent signal purity
- ❑ All standards B/G, I, D/K, M/N and L are available
- ❑ A2 stereo/dual
- ❑ Low stock keeping due to wideband modulator
- ❑ All features are microprocessor controlled

Technical specification

- ❑ Modulation AM VSB
- ❑ Output frequency 112,25 – 855,25 MHz
- ❑ Transmission standard B/G, D/K, I, L and M/N
- ❑ Output level 85 - 105 dB μ V
- ❑ Spurious products $\leq$ 60dBc
- ❑ S/N weighted 55 dB
- ❑ Nominal video input level 1,0Vpp
- ❑ Video input impedance 75 ohm
- ❑ Nominal audio input level 0,5 Vrms
- ❑ Audio input impedance 4,7 kohm



RFT – 801

TWIN VSB TV MODULATOR FOR CABLE NETWORK



RFT-801 is a wideband VSB twin modulator for modulating signal from video or baseband source.

The high quality A2 stereo modulator gives perfect adjacent channel operation on VHF/UHF band.

RFT-801 features high output level with excellent signal purity.

Assembly for RFT-800 system, 19" rack or stand-alone.

Simple OSD programming with remote control unit.

Features

- ☐ High output level of 105 dB μ V with excellent signal purity
- ☐ All standards B/G, I, D/K, M/N and L are available
- ☐ A2 stereo/dual
- ☐ Low stock keeping due to wideband modulator
- ☐ All features are microprocessor controlled

Technical specification

- ☐ Modulation AM VSB
- ☐ Output frequency 112,25 – 855,25 MHz
- ☐ Transmission standard B/G, D/K, I, L and M/N
- ☐ Output level 85 - 105 dB μ V
- ☐ Spurious products $\leq$ 60dBc
- ☐ S/N weighted 55 dB
- ☐ Nominal video input level 1,0Vpp
- ☐ Video input impedance 75 ohm
- ☐ Nominal audio input level 0,5 Vrms
- ☐ Audio input impedance 4,7 kohm

TM – 8

ALLBAND VSB TV MODULATOR FOR SMATV



TM-8 is a wideband VSB stereo TV modulator for modulating signal from video or baseband source.

The high quality A2 stereo modulator gives perfect adjacent channel operation on VHF/UHF band.

Features

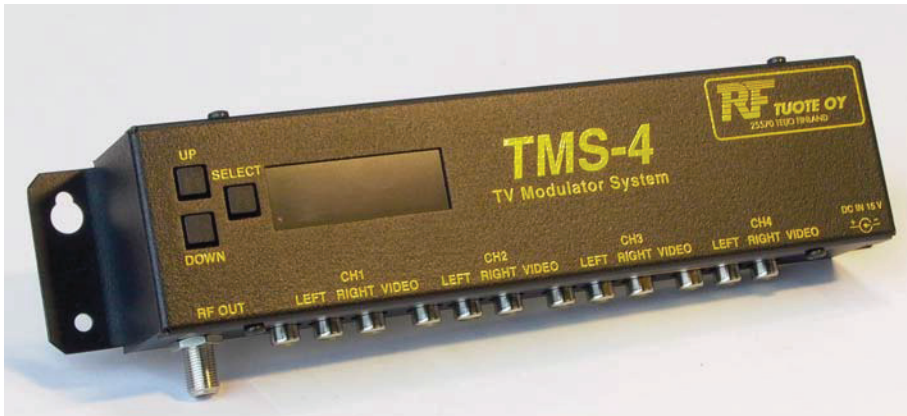
- ❑ High output level of 115 dB μ V with excellent signal purity
- ❑ All standards B/G, I, D/K, M/N and L are available
- ❑ A2 stereo
- ❑ Low stock keeping due to wideband modulator
- ❑ All features are microprocessor controlled

Technical specification

- ❑ Modulation AM VSB
- ❑ Output frequency 112,25 – 855,25 MHz
- ❑ Transmission standard B/G, D/K, I, L and M/N
- ❑ Output level 95 - 115 dB μ V
- ❑ Spurious products $\leq$ 60dBc
- ❑ Nominal video input level 1,0Vpp
- ❑ Video input impedance 75 ohm
- ❑ Nominal audio input level 0,5 Vrms
- ❑ Audio input impedance 4,7 kohm
- ❑ Dimensions 130 mm H, 110 mm W, 40 mm D

TMS - 4

LOW COST AND SMALL SIZE TV MODULATOR SYSTEM



TMS-4 consists of four high quality DSB modulators on VHF/Hyper or UHF-band.

TMS-4 is an economical solution for expanding an existent headend with new digital programs.

Features

- ❑ High output performance 105 dB μ V
- ❑ All features of TMS-4 are microprocessor controlled
- ❑ Small size
- ❑ Low cost

Technical specification

- ❑ Modulation AM DSB
- ❑ Frequency range
Model A 182,25... 252,25 MHz
Model B 287,25...463,25 MHz
Model C 471,25... 855,25 MHz
- ❑ Transmission standard B/G, D/K, I, M/N, L (only UHF)
- ❑ Output level 85 ... 105 dB μ V
- ❑ Spurious products ≤ 60 dBc
- ❑ Nominal impedance 75 ohms
- ❑ Nominal video input level 1,0Vpp / processor adjustable
- ❑ Nominal audio input level 0,5 Vrms
- ❑ Dimensions 55mm H, 265mm W, 40mm D

TM – 800

VSB STEREO TV MODULATOR



New TM-800 stereo modulators are versatile instruments for security control, internal information channel and expanding CATV/SMATV system.

The high quality VSB TV-modulators give perfect adjacent channel operation on VHF/UHF band.

800-series modulators TM-818/TM-828/TM-838 features high output level with excellent signal purity.

Features

- ❑ Low stock keeping due to wideband modulator
- ❑ Twin and triple modulators in 1 RU minimize space requirement at headend
- ❑ A2 or NICAM stereo
- ❑ All features are microprocessor controlled

Technical specification

- ❑ Modulation AM VSB
- ❑ Number of modulators
TM-818 1 (1 output)
TM-828 2 (2 outputs)
TM-838 3 (3 outputs)
- ❑ Output frequency range
112,25 – 855,25 MHz
- ❑ Transmission standard B/G
- ❑ Maximum output level
105 dBμV/output
- ❑ Nominal video input level
1,0 Vpp
- ❑ Video input impedance
75 ohm
- ❑ Nominal audio input level
0,5 Vrms
- ❑ Audio input impedance
4,7 kohm



FM – 2ST

FREQUENCY AGILE RADIO MODULATOR FOR FM BAND



FM-2 is frequency agile stereo radio modulator for FM broadcast band.

It is a versatile instrument for adding digital radio channels and the audio of music TV channels to CATV or MATV network.

FM-2 contains a digital phase-lock-loop (PLL) output frequency control system.

Technical specification

RF

- ❑ Modulation FM max, ± 75 kHz, Stereo CCIR Pilot tone
- ❑ Output frequency 88... 108 MHz
- ❑ Tuning steps 100 kHz
- ❑ Output level 120 dB μ V
- ❑ Spurious products ≤ 60 dBc
- ❑ Output impedance 75 ohm

Audio

- ❑ Nominal input level 0,5 Vrms
- ❑ Frequency response 40 Hz...15 kHz $\pm 0,5$ dB
- ❑ Distortion $< 0,5$ %
- ❑ Pre-emphasis 50 μ s
- ❑ Signal to noise ratio > 40 dB
- ❑ Input impedance 10 kohm

General

- ❑ Power max. 15 V/450 mA
- ❑ Dimensions 110 mm H, 130 mm W, 40 mm D



DM - 2

MULTISTANDARD DEMODULATOR FOR SMATV



DM-2 is a frequency agile demodulator for analogue radio and TV signals.

All standards B/G, I, D/K, M/N, L and L` are available.

Technical specification

- ❑ Input frequency range 48,25...855,25 MHz
- ❑ Transmission standard VSB; B/G, D/K, I, L, L`
- ❑ Input level 65...90 dBμV
- ❑ Video output level 1,0 Vpp / 75 ohm
- ❑ Input impedance 75 ohm
- ❑ Output impedance 75 ohm
- ❑ Power 15 V / 0,25 A
- ❑ Operating temperature -10...50 °C
- ❑ Dimensions 110 mm H, 115 mm W, 40 mm D

DM - 260

6 CH. MULTISTANDARD DEMODULATOR



DM-260 is a frequency agile 6 channel demodulator for analogue radio- and TV signal.

All standards B/G, I, D/K, M/N, L and L` are available.

Technical specification

- ❑ Input frequency range
48,25...855,25 MHz
- ❑ Transmission standard
VSB; B/G, D/K, I, L, L`
- ❑ Input level 65...90 dB μ V
- ❑ Video output level
1,0 Vpp / 75 ohm
- ❑ Input impedance
75 ohm
- ❑ Output impedance
75 ohm
- ❑ Operating temperature
-10...50 °C
- ❑ Dimensions 110 mm H,
115 mm W, 40 mm D

KV – 8D

CHANNEL CONVERTER FOR DIGITAL TV SYSTEMS



KV-8D is a channel converter for digital terrestrial TV signals from UHF band to VHF/UHF band.

It features conversion with the highest quality PLL, SAW filter and AGC techniques.

Low phase noise makes KV-8D perfect for digital TV signal (DVB-T/H, DMB-T/H etc.).

Features

- ❑ Designed for 8 MHz channel bandwidth
- ❑ Low phase noise
- ❑ Double SAW filter selectivity
- ❑ Wide AGC range
- ❑ Maximum output level 115 dB μ V
- ❑ Compact standalone housing

Technical specification

- ❑ Input frequency range 474 ... 858 MHz
- ❑ Output frequency range 114 ... 858 MHz
- ❑ Channel spacing 8 MHz
- ❑ Input level 58... 90 dB μ V
- ❑ Output level 115dB μ V
- ❑ AGC range 30 dB
- ❑ AGC stability $\pm 1,5$ dB

KV-87

DVB-T CHANNEL CONVERTER WITH THE SELECTABLE BW



KV-87 is a DVB-T channel converter with selectable 7/8 MHz input and output bandwidth.

It features conversion with the highest quality PLL, SAW filter and AGC techniques.

KV-87 is purposed for all coaxial networks where digital terrestrial multiplex is needed to convert to the other frequency.

Input and output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ DVB-T mux to the other frequency.
- ❑ Selectable input and output bandwidth 7 or 8 MHz
- ❑ Low phase noise
- ❑ Wide AGC range

Technical specification

- ❑ Input frequency range 114 - 858 MHz
- ❑ Output frequency range 114 - 858 MHz
- ❑ Input bandwidth 7 or 8 MHz
- ❑ Output bandwidth 7 or 8 MHz
- ❑ Input level 45 ... 85 dBuV
- ❑ Max. output level 105 dBuV

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/0,6A
- ❑ Dimensions 72 mm*218 mm* 129 mm



KV – 230D

3 CH. DVB-T/H CHANNEL CONVERTER SYSTEM



KV-230D is a 3 channel converter system for digital terrestrial signals from UHF band to VHF/UHF band.

KV-230D makes possible to receive DVB-T/H programs also in old buildings without expensive network rebuilding.

It features conversion with the highest quality PLL, SAW filter and AGC techniques.

Low phase noise makes KV-8D perfect for DVB-T/H signal.

Features

- ❑ Designed for DVB-T/H signal
- ❑ Low phase noise
- ❑ Double SAW filter selectivity
- ❑ Wide AGC range
- ❑ Maximum output level 109 dB μ V
- ❑ Space saving 1RU housing

Technical specification

- ❑ Input frequency range 474 ... 858 MHz
- ❑ Output frequency range 114 ... 858 MHz
- ❑ Channel spacing 8 MHz
- ❑ Input level 58... 90 dB μ V
- ❑ Output level 109dB μ V
- ❑ AGC range 30 dB
- ❑ AGC stability $\pm 1,5$ dB

RFT – 855

DVB-T2 --> DVB-T HD REMUX MODULATOR



RFT-855 converts two terrestrial DVB-T2 muxes to two DVB-T muxes. Then digital terrestrial HD programs can be received with the standard HD television.

Picture quality remains exactly same than in original DVB-T2 signal.

With one RFT-855 unit can be processed 2-4 HD programs (two multiplex) depending on channel bit rate of programs.

Output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ DVB-T2 HD programs to the standard HD TV.
- ❑ No change in HD picture quality.
- ❑ Easy to expand

Technical specification

DVB-T/T-2/C demodulator

- ❑ Frequency range 177,5 - 858 MHz
- ❑ Input level 45 ... 85 dBuV
- ❑ Automatic FEC selection

COFDM output

- ❑ Bandwidth 7MHz or 8 MHz
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/1,2A
- ❑ Dimensions 72 mm*218 mm* 129 mm



DTT – 800CI

DVB-T2 --> DVB-T HD REMUX MODULATOR



DTT-800 converts terrestrial DVB-T2 mux to DVB-T mux. Then digital terrestrial DVB-T2 HD programs can be received with the standard DVB-T HD television.

Picture quality remains exactly same than in original DVB-T2 signal.

Single (DTT-810) and twin (DTT-820) models are available.

With one DTT-820 unit can be processed 2-4 HD programs (two multiplex) depending on channel bit rate of programs.

Output channels are freely selectable from 114 MHz to 858 MHz.

Twin remodulator DTT-820 minimize space requirements at the head end.

DTT-800 units are equipped with CI slots.

Simple OSD programming with the remote control unit.

Features

- DVB-T2 HD programs to the standard HD TV.
- No change in HD picture quality.
- Easy to expand

Technical specification

DVB-T/T-2/C demodulator

- Frequency range
177,5 - 858 MHz
- Input level 45 ... 85 dBuV
- Automatic FEC selection

COFDM output

- Bandwidth 7MHz or 8 MHz
- Output level 105 dBuV max
- Output frequency range
114 ... 858 MHz

General

- Operating voltage 100-240 VAC, 50-60Hz
- Power consumption
20W/30W (DTT-810/DTT-820)
- Dimensions
19", 1RU



RFS – 856TM

DVB-T/C → QAM TRANSMODULATOR



RFT-856TM converts terrestrial DVB-T mux to QAM signal.

RFT-856TM is purposed for small cable-TV networks where digital terrestrial programs are wanted to watch with the standard DVB-C television or digibox.

With one RFT-856TM unit can be processed all programs of coming DVB-T mux.

Output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.



Features

- ❑ DVB-T programs to QAM network.

- ❑ Easy to expand

Technical specification

DVB-T/C demodulator

- ❑ Frequency range
177,5 - 858 MHz
- ❑ Input level 45 ... 85 dBuV
- ❑ Automatic FEC selection

QAM output

- ❑ Modulation
32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range
114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption
16VDC/1,2A
- ❑ Dimensions
72 mm*218 mm* 129 mm



RFT – 856TM

TWIN DVB-T/C → QAM HD TRANSMODULATOR



RFT-856TM converts two terrestrial DVB-T muxes to two QAM muxes.

RFT-856TM is purposed for small cable-TV networks where digital terrestrial programs are wanted to watch with the standard DVB-C television or digibox.

With one RFT-856TM unit can be processed all programs of coming DVB-T mux.

Output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- DVB-T programs to QAM network.

- Easy to expand

Technical specification

DVB-T/C demodulator

- Frequency range
177,5 - 858 MHz
- Input level 45 ... 85 dBuV
- Automatic FEC selection

QAM output

- Modulation
32, 64, 128, 256 QAM
- Symbol rate 1...8 Msymb/ s
- Output level 105 dBuV max
- Output frequency range
114 ... 858 MHz

General

- Operating voltage 16 VDC
- Power consumption
16VDC/1,2A
- Dimensions
72 mm*218 mm* 129 mm



RFT – 856CI

TWIN DVB-T2 --> QAM HD REMUX MODULATOR



RFT-856 converts terrestrial DVB-T2 signals to QAM signal. Then digital terrestrial HD programs can be received with the standard HD television.

Picture quality remains exactly same than in original DVB-T2 signal.

With one RFT-856 unit can be processed all programs of coming DVB-T2 multiplex.

Output channels are freely selectable from 114 MHz to 858 MHz.

Assembly for RFT-800 system or stand-alone.

Simple OSD programming with the remote control unit.

Features

- ❑ DVB-T2 HD programs to the standard HD TV.
- ❑ No change in HD picture quality.
- ❑ Easy to expand

Technical specification

DVB-T/T-2/C demodulator

- ❑ Frequency range 177,5 - 858 MHz
- ❑ Input level 45 ... 85 dBuV
- ❑ Automatic FEC selection

QAM output

- ❑ Modulation 32, 64, 128, 256 QAM
- ❑ Symbol rate 1...8 Msymb/ s
- ❑ Output level 105 dBuV max
- ❑ Output frequency range 114 ... 858 MHz

General

- ❑ Operating voltage 16 VDC
- ❑ Power consumption 16VDC/1,2A
- ❑ Dimensions 72 mm*218 mm* 129 mm



DTC – 800CI

DVB-T2 --> DVB-C HD REMUX MODULATOR



DTC-800 converts terrestrial DVB-T2 mux to DVB-C mux. Then digital terrestrial DVB-T2 HD programs can be received with the standard DVB-C HD television.

Picture quality remains exactly same than in original DVB-T2 signal.

Single (DTC-810) and twin (DTC-820) models are available.

With one DTC-820 unit can be processed 4-8 HD programs (two multiplex) depending on channel bit rate of programs.

Output channels are freely selectable from 114 MHz to 858 MHz.

Twin remodulator DTC-820 minimize space requirements at the head end.

DTC-800 units are equipped with CI slots.

Simple OSD programming with the remote control unit.

Features

- DVB-T2 HD programs to the standard HD TV.
- No change in HD picture quality.
- Easy to expand

Technical specification

DVB-T/T-2/C demodulator

- Frequency range
177,5 - 858 MHz
- Input level 45 ... 85 dBuV
- Automatic FEC selection

QAM output

- Modulation 16, 32, 64, 128, 256 QAM
- Symbol rate 1...8 Msymb/s
- Output level 105 dBuV max
- Output frequency range
114 ... 858 MHz

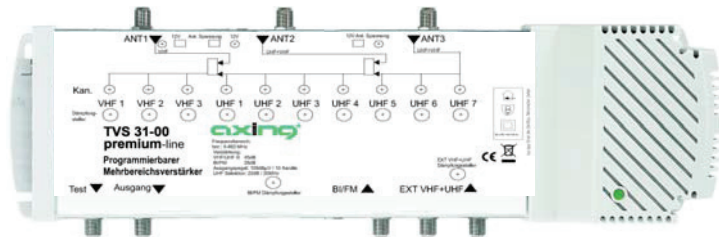
General

- Operating voltage 100-240 VAC, 50-60Hz
- Power consumption
20W/30W (DTC-810/DTC-820)
- Dimensions
19", 1RU



TVS 31-00

HD ready multiband headend



TVS 31-00 is a multi-band channel amplifier designed for digital MATV systems. It is equipped with 7 selective UHF , 3 selective VHF filters and FM amplifier.

TVS 31-00 is able to process both analogue and digital signals, even on adjacent channels. It also has possibility to feed supply voltage to preamplifiers.

TVS 31-00 is small but high performance HD ready headend.

It is easy to be installed and all adjustments are made simply with a screwdriver. No programmer or PC is needed.

You can trust that all adjustments will remain in all circumstances.

TVS 31-00 offers all these features at favourable price.

Features

- ❑ 7 selective and adjustable UHF-channels
- ❑ 3 selective and adjustable VHF-channels
- ❑ 2 switchable UHF inputs and 1 VHF input
- ❑ Separate wideband UHF input for accessories.
- ❑ FM and VHFI input
- ❑ Easy to install and adjust
- ❑ Unique price/quality relation

Technical specification

- ❑ Gain
 - UHF1/2 45 dB
 - UHF3 31 dB
 - VHFIII 35 dB
 - FM / VHFI 24 dB
- ❑ Max. output level
105 dBuV/ 10 channels
- ❑ UHF- selectivity
- 20 dB @ ± 20 MHz



TVS 31-01

HD ready multiband headend



TVS 31-01 is a multi-band channel amplifier designed for digital MATV systems. It is equipped with 9 selective UHF filters and VHF band/ FM amplifiers.

TVS 31-01 is able to process both analogue and digital signals, even on adjacent channels. It also has possibility to feed supply voltage to preamplifiers.

TVS 31-01 is small but high performance HD ready headend.

ANT1 ... ANT3 inputs are supplied with LTE filters.

It is easy to be installed and all adjustments are made simply with a screwdriver. No programmer or PC is needed.

You can trust that all adjustments will remain in all circumstances.

TVS 31-01 offers all these features at favourable price.

Features

- ☐ 9 selective and adjustable UHF-channels
- ☐ VHF III amplifier
- ☐ FM amplifier
- ☐ 2 switchable UHF inputs and 1 VHF input
- ☐ Separate wideband UHF input for accessories.
- ☐ FM and VHF I input
- ☐ LTE filters
- ☐ Easy to install and adjust
- ☐ Unique price/quality relation

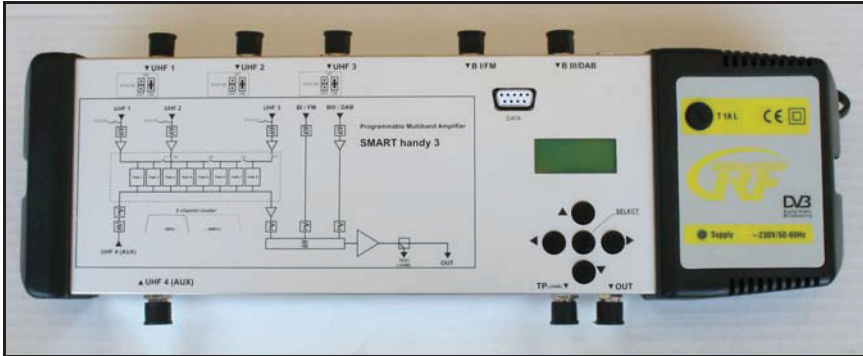
Technical specification

- ☐ Gain
 - UHF1/2 45 dB
 - UHF3 31 dB
 - VHFIII 35 dB
 - FM / VHF I 24 dB
- ☐ Max. output level 105 dBuV/ 10 channels
- ☐ UHF- selectivity
 - 20 dB @ ± 20 MHz



SMART handy 3

Programmable MATV headend



SMART handy[®] is a compact MATV headend with selective and programmable UHF and VHF filters.

The headend is able to process up to 8 UHF channels. The bandwidth of each of these filters can be 1...6 channel (8...48 MHz).

SMART handy[®] is very easy to install and programm. The block diagram of front panel indicates clearly how the switches, connectors and signal paths are connected to each other.

You need just to select inputs for different antennas, program the channels with the built-in programmer and adjust the desired output level.

In the same time you hardly would have studied the competitor's programmer unit.

Features

- ❑ 8 programmable UHF channels
- ❑ Each filter 1...6 channels
- ❑ Built-in programmer
- ❑ Clearly indicated signal path selections
- ❑ Small size, 2,2dm3/0,9kg
- ❑ Quick and easy to program

Technical specification

- ❑ Gain
 - UHF/VHF III 44 dB
 - FM/BI 26 dB
- ❑ Max. output level 109 dBuV/10 channels
- ❑ UHF selectivity -22dB/±20MHz

SMART progap-6

DVB-T/H repeater / gapfiller



SMART progap-6 is a low power DVB-T/H gapfiller designed for implementation of wireless digital-TV network for any sort of buildings and residences.

Wireless digital-TV network is realized easily with SMART progap-6 by connecting it with ordinary roof-top receiving TV-antenna and a small sized transmitting antenna typically located in a staircase of the building, thus making the reception of DVB-T programs possible in all positions of the building with simple indoor antenna.

SMART progap-6 is advanced high performance equipment to fully replace the MATV headends and cable networks in any size of buildigs for DVB-T/H reception. It is easy to be installed and all adjustments are made very simply. No programmer or PC is needed.

Features

- ❑ 6 selective and adjustable UHF-channels
- ❑ Wide AGC-range
- ❑ High gain
- ❑ Automatic supply voltage feed for pre-amplifier
- ❑ Easy to install and adjust
- ❑ Compact size

Technical specification

- ❑ Gain 70 dB
- ❑ Output level 150mW
- ❑ Frequency range E22-E60
- ❑ Channel bandwidth 14 MHz (-3 dB)
- ❑ Spurious output level -40 dBc (on UHF-band)
- ❑ AGC-range > 35 dB
- ❑ Noise figure < 4,5 dB

Pro FM-75

FM repeater/gapfiller



Pro FM is a gapfiller designed for tunnels, mine or any sort of buildings and residences where FM field strength is not strong enough.

It consists of a selective FM pre-amplifier and high power transmitting amplifier.

Pro FM is easy to be installed and all adjustments are very simple.

Features

- Selective FM band
- High gain
- Low noise figure

Technical specification

- Frequency range
88 ... 108 MHz
- Max. gain 65 dB
- Min. input level
65 dBuV
- Min. input level
85 dBuV
- Max. output power
130 dBuV (200 mW)
- Power consumption
230VAC/6 W
- Dimensions
75mm*130mm*355 mm

RFC- 8/1

ACTIVE COMBINER



RFC-8/1 is an active RF combiner giving high output level of max. 8 TM-800 modulators.

It is designed for standard 19" rack mounting.

Features

- ❑ For standar 19" rack mounting
- ❑ 1 RU
- ❑ hig output level

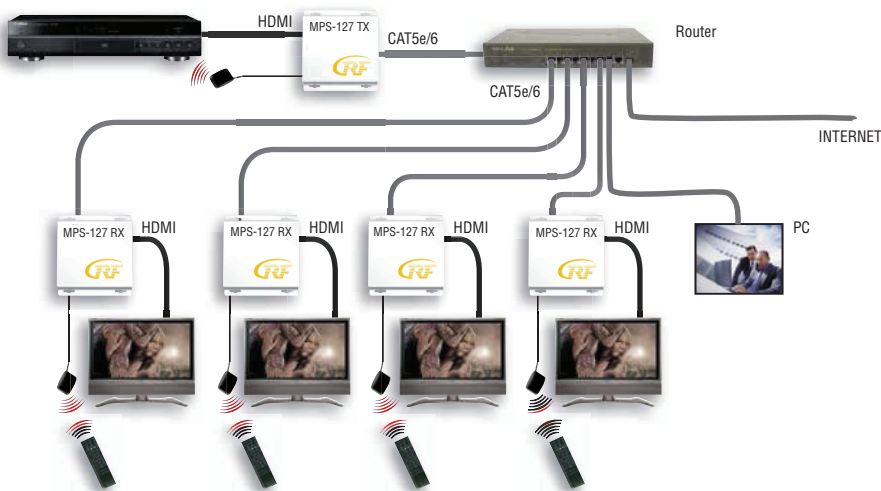
Technical specification

- ❑ 8 inputs
- ❑ 1 output
- ❑ Frequency range
47,25 – 855,25 MHz
- ❑ Input level
105 dBuV/input
- ❑ Output level
105 dBμV

MPS-127

LONG DISTANCE MULTIPOINT HDMI DISTRIBUTION SYSTEM WITH INTERNET

Typical installation



MPS-127 is the multipoint HDMI/ETHERNET distribution system. It consists of MPS-127TX transmitter and MPS-127RX receivers.

MPS-127 is used to transmit HDMI signal from one source to a number of receivers over existing Ethernet network.

The system makes possible to distribute HD video and high quality audio signal from one HDMI source up to 127 receivers together with internet connection.

Typical applications are shops with a number of HD display.

Features

- HD quality video together with internet over Ethernet
- With one transmitter up to 127 receivers
- Max. 120 meters distance

Technical specification

- Supported video formats
DTV/HDTV: 480/576, 720/1080
- Video/Audio input/output
HDMI, HDCP 1.2
- Max. transmission distance
1080p 8-bit 120m via CAT5/6
- Return path frequency
38 Mhz remote controls IR only
- Power consumption TX/RX
5 VDC/0,6A

