



BDH 7210

HD Encoder & 8-VSB Modulator

Overview

경제적인 비용으로 효과적인 HD급 방송 프로그램을 인코딩 할 수 있는 기기로 필요에 따라 HD와 SD를 선택하여 사용할 수 있어서 프로페셔널 디지털 방송용 헤드엔드 기기로 적합한 제품이다.

Features

- BDH-7210 HD with DTV exciter option : MATV & In Building Broadcasting
- MPEG 2 Full HD Encoder for HD professional broadcasting
- Remote Control through SNMP
- Video Encoder Coding Standard : ISO/IEC 13818-2(MPEG2 MP@HL, MP@H14L, MP@ML, 422P@ML)
- ATSC Modulation

Specifications

Input

RCA 2ea(Stereo 1Ch)

HDMI / HD-SDI Embedded(Each Stereo 4Ch)

Modulator

Standard(Scheme) : ATSC A.53(8-VSB)

Symbol Rate : 10.762MSps

Input Stream : One or Multiplexed of below inputs : - Internal MPEG2 Encoder - Internal PSIP Generator - External ASI Input

MER : >34dB(without Eq.)

Channel Bandwidth : 6MHz

Bit rates : ~19.392658 Mbps

RF Output

Output Port : Main output : 75Ohm F-type on rear panel

-20dB TP output : 75Ohm F-type on front panel

Frequency Range : 54 ~ 861MHz(VHF & UHF)

Level : +7dBm ~ -15dBm (연속 가변)

Phase Noise : Typical -95dBc@10kHz

RF Spurious Tones : Better than -55dB below output signal

RF Harmonics : Better than -35dB below output signal

Environment	
Temperature	Operating : 0~60°C
	Storage : -40~70°C
	Humidity : 85% non-condensing
	Vibration and shock : In accordance with MIL-STD-810D
Physical & Power	
Dimensions	Power
1 RU (19" rack)	Voltage 90-260V
423x44x403 (WxHxDmm)	
Weight : unsettled	
All Aluminum case	
Control & Monitoring	
Front Panel	
6buttons : Up, Down, Left, Right, Ok, Esc.)	
Graphic LCD	