

8VSB-MOD-1/2CH

1/2-Channel 8VSB Modulator Module



OVERVIEW

The '8VSB-MOD-1CH' module supports a single channel of 8VSB modulation.

The '8VSB-MOD-2CH' module supports 8VSB modulation on 2 independent frequencies.

In addition, it provides an RF IN port to support combining internal RF channels and external RF input channels.

KEY FEATURES

- ATSC compliant
- Modulate up to 2 8VSB channels
- Combine with external channels via RF IN port
- Platform-based Modular Design

ORDERING INFORMATION

Model	Description
WAV-DMPSMP-8VSB-MOD-2CH	2-CH DMP-SMP Modulator Module
WAV-DMPSMP-8VSB-MOD-1CH	1-CH DMP-SMP Modulator Module
WAV-SMP100-CHASSIS	Chassis (1RU, embedded MUX and IP/ASI, 3 x slots)
WAV-DMP900-CHASSIS	Chassis (1RU, embedded MUX, 6 x slots, Dual PSU, hot-swappable)

SPECIFICATIONS

INTERFACE

RF Output: 1 x F-type female
RF Input: 1 x F-type female (Used to combine with internal RF channels)

FEATURES

Insertion Loss: 0-3dB
Frequency Range: 44~870MHz
Output Level: -26dBm~ +3dBm
MER: ≥ 42 dB
Standard: ATSC A/53
Constellation: 8VSB
FEC: RS(208 188)&Trellis

PLATFORM

Power Consumption: Maximum 10W

