

## WDM-210 : QPSK - ASI Demodulator



### FEATURES

- ✦ Meet DVB-S/MPEG-2 & DVB-S2/MPEG-4 broadcasting
- ✦ User friendly FP/LED
- ✦ Automatic Viterbi Puncture Rate
- ✦ Automatic C or KU band adaptation
- ✦ Both SCPC and MCPC compliant
- ✦ Symble rate : 2 to 45 Msps for QPSK ; 2 to 37 Msps for 8PSK
- ✦ LNB loop out
- ✦ LNB power 13V/18VDC and 22KHz switching capability
- ✦ Use individual Data Controller with LCD to set all system parameters
- ✦ Software upgrade and data transfer via RS232

### SPECIFICATIONS

TUNER		FORWARD ERROR CORRECTION (FEC)	
Input Frequency:	950 ~ 2150 MHz.	DVB-S: Viterbi and reed-solomon decoding.	
Input Level:	-65 ~ 25 dBm	DVB-S2: LDPC and BCH decoding	
Mode:	DVB-S : QPSK ; DVB-S2: QPSK and 8PSK	<b>ASI OUT</b>	
Viterbi Puncture rate:	Auto Scan.	188 bytes	
	DVB-S (QPSK: 1/2,2/3,3/4, 5/6,6/7,7/8)	BNC Type connector	
	DVB-S2 (QPSK: 1/2,3/5,2/3, 3/4,4/5,5/6,8/9,9/10) (8QPSK: 3/5,2/3,3/4,5/6, 8/9,9/10)	<b>PHYSICAL &amp; POWER</b>	
Symbol Rate:	QPSK : 2Msps to 45 Msps; 8PSK : 2Msps to 37 Msps	Dimension: 25 x 191 x 89 mn	
Input Impedance:	75 Ohms	Approx. Weight: 0.33 kg	
Input Connector:	F Type Female	DC Power Input: +5V±3% ; +24V±5%	
Loop Through Output:	F Type Female	Power Consumption: 5W	
		Operation Temperature: 0 ~ 40° C	
DEMODULATOR			
QPSK demodulation continuously variable rate for 2 to 45 MSPS			
8PSK demodulation continuously variable rate from 2 to 37 MSPS			