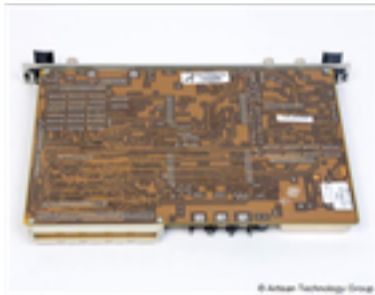


SBS 4430-VN

## BPSK/QPSK Demodulator



Limited Availability  
Used and in Excellent Condition

Open Web Page

<https://www.artisanng.com/93359-1>

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## SBS Offers BPSK/QPSK Modulator and Demodulator Products

For ground stations that employ phase modulation, SBS offers versatile BPSK/QPSK modulator and demodulator products that feature unique, independently programmable high-pass and low-pass front end filters to efficiently select and process a particular signal in the crowded multi-carrier environment of today's satellite communications systems. Each demodulator card can accept an optional modulator daughter-card module for simulating BPSK/QPSK modulated streams for loop-back testing.

Demods	<a href="#">4430-V</a>	<a href="#">4430-VE</a>	<a href="#">4430-P</a>
Form Factor	6U-VME	6U-VME	Full PC-AT
Max. Data Rate	1.5 Mbps	2.75 Mbps	1.5 Mbps
Number of RF Inputs	2	2	2
Input Frequency Range	10 kHz to 6 MHz	6 kHz to 11 MHz	1 kHz to 6 MHz
Loop Bandwidth	0.05% to 3% of Carrier Frequency	0.03% to 3% of Carrier Frequency	0.05% to 3% of Carrier Frequency
Dynamic Range (Input)	-30 dBm to + 10 dBm	-30 dBm to + 10 dBm	-30 dBm to + 10 dBm
Implementation Loss	< 1.0 dB	< 1.0 dB	< 1.0 dB
Demodulation Types	BPSK/QPSK	BPSK/QPSK	BPSK/QPSK
Special Features	Optional Modulator	Optional Modulator	Optional Modulator



Modulators	<a href="#">4437-P</a>	<a href="#">4437-V</a>
Form Factor	Full PC-AT	6U-VME
Max. Modulation Rate	to 5MHz	to 5MHz
Number of Mod. Inputs	3	3
Output Frequency Range	70-120MHz and 305-355MHz	70-120MHz and 305-355MHz
Carrier Stability	$\delta \pm 2$ ppm 0 to 50 C	$\delta \pm 2$ ppm 0 to 50 C

Output Level	0 to -42dBm, 1db Steps	0 to -42dBm, 1db Steps
Number of Outputs	2	2
Modulation Types	BPSK, QPSK, FM & PM	BPSK, QPSK, FM & PM
Special Features	Internal PN Generator & Noise Source	Internal PN Generator & Noise Source



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