

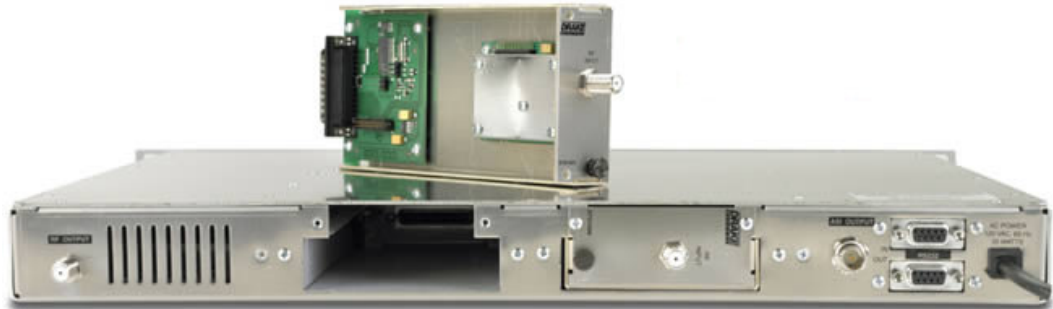
DRAKE - SDM1000 Satellite Demodulator Module

Sales Office: 1-937-746-4556
 Fax: 1-937-806-1510
 Service & Parts: 1-937-746-6990
 On-Line: <http://www.rldrake.com>

In Canada: 1-705-742-3122
 Fax: 1-705-742-2838
 On-Line: <http://www.drakecanada.com>



The SDM1000 satellite demodulator with MEQ1000 QAM modulator is designed to provide a QT Plus transcoding solution for the new Shaw Anik G1 satellite. The SDM1000 is designed to handle the 8PSK turbo FEC and higher data rate of Anik G1.



The MEQ1000 will allow program filtering so you only pass the programs that you need. Optionally, a second input module may be installed in the MEQ1000 to provide programs from a second satellite multiplex or locally MPEG encoded programming. The total multiplex of channels can not exceed 38.8 Mbits/s for a 256QAM channel. The output of the MEQ1000 features a low noise, high power RF output that is agile from 54 MHz to 1002 Mhz

Features

- Wide band tuner 950 MHz to 2150 MHz
- Demodulates QPSK, 8PSK with advanced TURBO FEC and DVB-S2
- Input symbol rate up to 30 Msym/s
- Program filtering (when used in conjunction with the MEQ1000)

SPECIFICATIONS	
SATELLITE INPUTS	
Frequency Range:	950 MHz to 2150 MHz.
Input Impedance:	75 ohm, return loss = 10 dB.
Input Level Range:	- 25 dBm to - 65 dBm / transponder.
Mode:	QPSK, 8PSK.
FEC:	DVB-S2, DCII, advanced Turbo modes.
Symbol Rate:	2 MS/s to 30 MS/s.