



Conifer Corporation is a major manufacturer of high quality, competitively priced MDS receiving equipment. Dedicated to the MDS industry, Conifer was first to introduce the parabola type antenna, and first to introduce a low cost, high performance crystal controlled downconverter. But most significantly, Conifer was first to offer a complete and versatile line of receiving hardware capable of handling any type of subscriber installation.

Because of its belief in and commitment to MDS, Conifer continues to dedicate the majority of its research to the development of new and better products for the industry.

Conifer's Crystal Controlled Single and New Dual Channel MDS Down Converters

Conifer Corporation offers two basic types of crystal controlled downconverters, the standard single family dwelling model, and the higher gain, lower noise version, used primarily in commercial applications (bulk subscriptions) or weak signal areas.

Why crystal controlled? A crystal controlled local oscillator has many advantages, not the least of which are frequency stability in varying climates and in areas with extreme temperature variations. Because a crystal controlled downconverter does not drift, it is totally compatible with any encode/decode system, requires no preinstallation adjustments, and allows your customer to enjoy the programming without continually fine tuning for a watchable picture.

Conifer downconverters are packaged in a compact, weather tight extruded aluminum housing with a weather boot and boot collar, and come complete with an IC regulated, UL approved power supply. A combination power supply A/B switch is optional.

Both MDS and MDPLN series are also available with dual channel capabilities with the output on two adjacent channels.

Prior to shipment, downconverters are put through a number of final tests including temperature stability, noise figure, and gain. In addition, the unit is checked for actual in-field performance by delivering to it an off-the-air MDS signal and viewing the picture on a normal household type color TV set. No downconverter leaves the plant without being put through these procedures.

	MDP	MDP-LN
Input Frequency	Pretuned to MDS channel 1 and/or 2	
Noise Figure	4.5dB typical	2.8dB typical
Crystal Stability	±.005% -40 to 140 F	
Gain	22dB typical	34dB typical
Output Channel	Specify Single or Dual Channel	
Input Impedance	50 ohm type "N" connector	
Output Impedance	75 ohm type "F" connector	
Power Supply	+12VDC, IC regulated, UL approved	
Test Jack	-25dB	
A/B Switch (Single Channel Only)	60dB Isolation	

