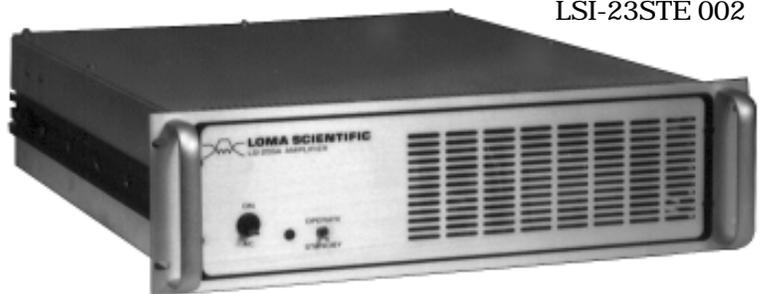


# COMBINED CARRIER AGILE MMDS TRANSMITTERS

**INTRODUCING THE LATEST IN VALUE** FROM THE ONE COMPANY "GLOBALLY COMMITTED TO QUALITY". THE **LSI-23STE** IS LOMA'S ANSWER FOR THE BUDGET SENSITIVE MARKETPLACE. STANDARD RF MODULES USED IN OUR FULL FEATURED TRANSMITTER PRODUCT



LSI-23STE 002

LINE ARE IMPLEMENTED THROUGHOUT. THIS PROVIDES YOU THE OPERATOR PEACE OF MIND FROM BOTH A PERFORMANCE AND A SERVICEABILITY POINT OF VIEW. THE LSI-23STE IS ALSO VERSATILE: ORDERING "OPTION 2" INCLUDES AN ADDITIONAL 40 WATT POWER AMPLIFIER MODULE THAT EFFECTIVELY DOUBLES THE OUTPUT POWER. THE LSI-23STE CAN BE EASILY CONFIGURED AS A DIGITAL MMDS TRANSMITTER OR EVEN A MULTICHANNEL TRANSMITTER DUE TO ITS FULL SPECTRUM BANDWIDTH AND AGILE CAPABILITIES.

<b>RF Performance</b>	<b>LSI-23STE Option 001</b>	<b>LSI-23STE Option 002</b>
Output Power	7 Watts ± 1 dB	15 Watts ± 1 dB
Color Transmission	NTSC, PAL or SECAM Composite	
Operating Frequency	2500 - 2686 MHz	
Signal to Noise Ratio	> 50 dB	
Spurious Products	< -50 dBc	
Output Impedance	50 Ohm, Type "N" Jack	
<b>Baseband Video</b>		
Input Type	Composite	
Input Level	1 V Peak to Peak	
Input Impedance	75 Ohm	
Frequency Response	± 1 dB	
Modulation Range	Up to 95%	
Differential Gain	5% Maximum	
Differential Phase	5° Maximum	
<b>Baseband Audio</b>		
Input Type	600 Ohm balanced	
Input Level	-15 to +20 dBmV	
Frequency Response	± 1 dB	
Preemphasis	75 microseconds	
Harmonic Distortion	1% Maximum	
FM Hum and Noise	-50dB Minimum, below 25 KHz deviation	
<b>General and Mechanical</b>		
Ambient Temperature	0° to 50° C	
Relative Humidity	95% Maximum	
Altitude	Up to 2500 Meters	
Power Requirements	120/220 VAC ± 15%, 50/60 Hz	
Size	3 Rack Units Plus Modulator	

\*All specifications subject to change without notice.