

ON CHANNEL REPEATER SYSTEMS

(HIGH POWER BEAMBENDERS)

FEATURES

- LOW COST COVERAGE FOR SHADOWED HOMES
- OUTPUT ISOLATION STANDARD
- SEQUENCING POWER SUPPLY FOR SAFE BIAS
- WIDE POWER RANGES FOR EXTENDED COVERAGE
- OUTDOOR TOWER MOUNTED DESIGN

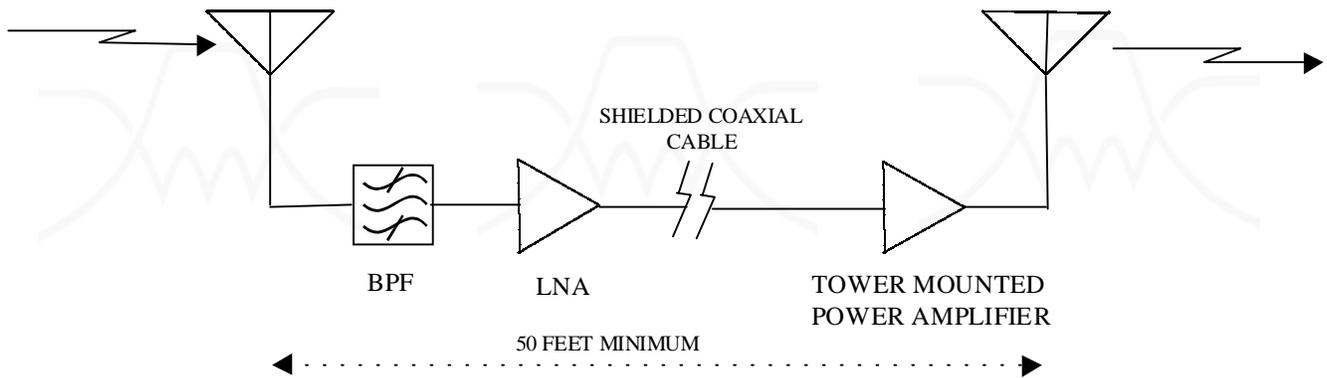


OPTIONS

- BATTERY/SOLAR ARRAY
- POLE MOUNT KIT (STD. ON LSI-3)
- AUTOMATIC LEVEL CONTROL
- LIGHTNING PROTECTION
- BANDPASS FILTERS

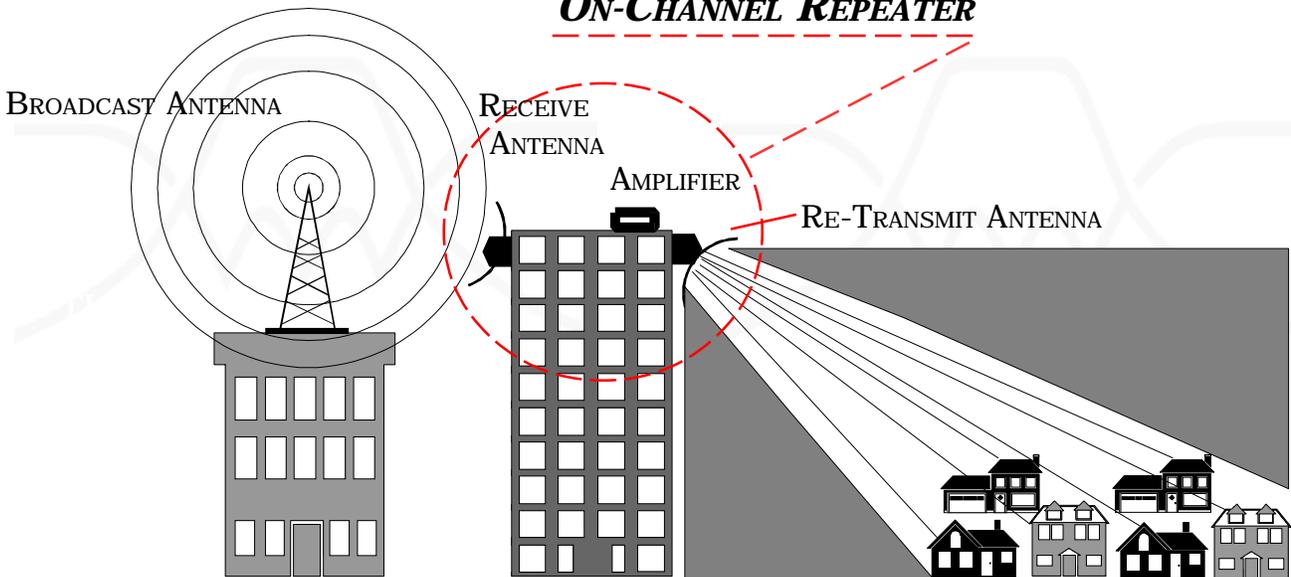
SPECIFICATIONS	LSI -1	LSI -2	LSI -3
POWER OUTPUT, PEAK OF SYNC, WATTS <small>(1 dB COMPRESSION POINT, TYPICAL)</small>	5	10	20
POWER AMPLIFIER GAIN*, dB		54	
OVERALL SYSTEM GAIN*, dB <small>(NOT INCLUDING ANTENNAS. *OTHER GAINS AVAILABLE)</small>		75	
FREQUENCY RANGE, MHZ	2500 - 2686, OTHER FREQUENCIES AVAILABLE		
NUMBER OF CHANNELS <small>(†PAL AND SECAM AVAILABLE)</small>	31 OR MORE NTSC†		
NOISE FIGURE, dB		1.5	
ELECTRICAL	120 VAC 60 Hz OR 220 VAC 50/60 Hz DC INPUT, SOLAR POWER AVAILABLE		
DIMENSIONS, INCHES	12x12x8	12x12x8	14x16x8

SCHEMATIC



URBAN APPLICATION

ON-CHANNEL REPEATER



RURAL APPLICATION

ON-CHANNEL REPEATER

