

	Cage Code:	Title:	Date:	Rev:	Model no:
	02WL0	PRODUCT DATA (subject to change)	6/4/04	None	HL3-084

This document describes the performance of a high power limiter. This limiter is passive i.e.; no externally applied bias voltage or control signal is required. Limiters are not reciprocal devices. Please be sure that high power is applied at the input port only and that it is properly heat sunk.

ITEM NO	CHARACTERISTIC	CONDITIONS	MIN	MAX	UNITS	COMMENTS
1	POWER SPECIFICATION	IN BAND				
1.1	FREQUENCY		6.5	7.5	GHz	
1.2	PEAK POWER			50	WATTS	
1.3	PULSE WIDTH			CW		
1.4	DUTY			CW	%	
1.5	AVG. POWER			50	WATTS	
2.0	POWER SPECIFICATIONS	GUARD BAND	7.5	9.5		
	POWER			5	WCW	
3	POWER SPECIFICATIONS	OUT OF BAND				
3.1	FREQUENCY			>9.5	GHz	
3.2	POWER			0.1	WCW	
4	OPERATING FREQUENCY		6.9	7.1	GHz	
5	INSERTION LOSS					
5.1	INSERTION LOSS			1.4	dB	
6	LEAKAGE					
6.1	Flat Leakage			18	dBm	
7	SPIKE	IN BAND				
7.2	SPIKE ENERGY			0.5	erg	
8	RECOVERY TIME					
8.1				5.0	uS	
9	VSWR					
9.1				1.5:1		
10	CONNECTORS					SMA FEMALE

