




Repeater Mini RGB LED Amplifier

Model		Repeater		
Photo				
Electrical Specification				
Working Voltage	8~16V	5~24V		
Peak Output Power	144W@12V (50% duty cycle)	288W@24V (50% duty cycle)		
Peak Output Current	3x4A (50% duty cycle)			
Efficiency	>95%			
Input Voltage Swing	Power Voltage $\pm 3V$			
Rising Edge Time Shift	<10uS			
Falling Edge Time Shift	<5uS			
Wrong Polarity Protection	Yes			
Working Temperature	-30~70°C			
Components & PCB	SMD parts / Gold plated double side FR-4 pcb			
Environmental Standards	Rohs compliant			
Power & LED Connector				
Power Connector	Red/Black Cable	Red/Black Cable	Red/Black Cable	5.5mm DC Female Jack
LED Connector	4-Pin Flat Female Jack	4-color Flat Cable	4-Pin Flat Female Jack	4-Pin Flat Female Jack
Dimension & Weight				
Body Size	33x12x5mm			
Cable Length	110mm	110mm	110mm	136mm
Net Weight	4.8g	8.5g	4.8g	7.8g