



ULTRA HIGH POWER 4KW CW ATTENUATOR DC-1GHz RFS4KG1

- Ultra high power 4KW CW and 100K Peak
- Ultra high peak power 100KW (5us)
- Wide band operation
- Low VSWR and flat response
- Air cooling + Oil cooling system
- Applications: Broadcasting, defence, radar communication



4K WATTS ULTRA HIGH POWER ATTENUATOR DC-1GHZ

Electrical Specifications			
Frequency Range:	DC-1.0GHz	VSWR max.	1.40 : 1
Power handle	4KW (CW)	Peak Power	100KW (5us pulse)
Mechanical and Environmental Specifications			
Operation Temperature:	-40°C to 50°C	Accuracy	30dB, 40dB, 50dB ± 1.0 (DC-0.5GHz)
Connector:	N,L27,7/16	Dimension: (Include connector)	840×330×840mm 33.07"x12.99"x33.07"
Weight:	100Kg / 220 lb.		
Operation Instruction:	<ol style="list-style-type: none"> 1. Connect input and output of attenuator to 50Ω impedance system. 2. Turn on air cooling FAN and verify the FAN is working properly. 3. Turn on system power. If possible, start from lower power, and increase the power step by step. 4. Before disconnect the attenuator, make sure turn off all the power (RF power and DC power) first. 5. Keep the air cooling FAN running until the attenuator case temperature reach room temperature. 		
WARNING:	<ol style="list-style-type: none"> 1. Input average power must be < 4KW CW or 100KW peak (5us pulse) 2. This is directional attenuator. DO NOT CONNECT output port to input. 3. The unit is designed for Indoor application only, prevent all shock, vibration and humidity. 		
MAINTAINANCE	<ol style="list-style-type: none"> 1. Check input and output impedance before each time operation. The impedance should within 50Ω±2Ω. 2. Check cooling oil regularly in every 500 hours. Cooling oil color should be light yellow. If oil color turn to black or dark brown, it may be contaminated. Then the oil need to be replaced. 3. Clean input and output connector by alcohol regularly. 		