RF Attenuator 5920_N-50-1/199_N

Description

Standard Attenuator, High Power



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Product Configuration				
Connector (side 1 / side 2) Interface Standards	N plug (male) / N jack (female) IEC 60169-16_MIL-STD-348A/304_CECC 22210			
Technical Data				
Electrical Data				
Nominal impedance	50 Ω			
Nominal attenuation	20 dB			
Frequency range	DC to 6 GHz DC to 1.5	1.5 to 2.5	2.5 to 6	
Frequency sub range (GHz) Attenuation deviation (±dB)	0.75	0.75	1.5	
VSWR max.	1.25	1.35	1.45	
Power rating	temperature. Free airflow conv input with output	100 Watt average power up to 25 °C ambient temperature, linearly derated to 20 Watt at 125 °C ambient temperature. Free airflow convection necessary to ensure power performances. Unit is unidirectional, therefore don't swap input with output (note: input is usually on the male side, otherwise follow instructions on the heatsink) 1000 Watt peak power, 5 μs pulse, 0.05 % duty cycle		
Mechanical Data				
Weight	1.12 kg			
Environmental Data				
Operating temperature	-55 °C to 125 °C			
2011/65/EU (RoHS)	compliant			
Material Data				
Piece Part (side 1)	Material		Surface Plating	
Centre contact	Copper Beryllium Alloy		Gold Plating	
Outer contact	Stainless Steel		Passivated (Plating)	
Body	Aluminium		Anodized	
Insulator	PTFE (Polytetrafluoroethylene)			
Coupling nut	Stainless Steel		Passivated (Plating)	
Piece Part (side2)	Material		Surface Plating	
Centre contact	Copper Beryllium	Alloy	Gold Plating	
Outer contact	Stainless Steel		Passivated (Plating)	
Body	Aluminium	Aluminium Anodized		
Insulator	PTFE (Polytetraf	uoroethylene)		
Related Documents				
Outline drawing	DOU-00112569	DOU-00112569		
Ordering Information				
Single packaging	5920_N-50-1/19	9_NE		





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