RF Attenuator 5906_N-50-1/199_N

Description

Standard Attenuator, High Power

HUBER+SU	HNER

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	6 dB			
Frequency range Frequency sub range (GHz)	DC to 6 GHz DC to 1.5	1.5 to 2.5	2.5 to 6	
Attenuation deviation (±dB)	0.5	0.5	0.75	
VSWR max.	1.25	1.35	1.45	
Power rating		power up to 25 °C a	bient temperature, linearly derated to 20 Watt at 1	25 °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 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	-55 °C to 125 °C compliant			
Material Data				
Piece Part (side 1)	Material		Surface Plating	
Centre contact	Copper Beryllium	Alloy	Gold Plating	
Outer contact	Stainless Steel			
	Stallliess Steel		Passivated (Plating)	
Body	Aluminium		Passivated (Plating) Anodized	
		oroethylene)		
Body	Aluminium	oroethylene)		
Body Insulator	Aluminium PTFE (Polytetraflu	oroethylene)	Anodized	
Body Insulator Coupling nut	Aluminium PTFE (Polytetraflu Stainless Steel		Anodized Passivated (Plating)	
Body Insulator Coupling nut Piece Part (side2)	Aluminium PTFE (Polytetraflu Stainless Steel Material		Anodized Passivated (Plating) Surface Plating	
Body Insulator Coupling nut Piece Part (side2) Centre contact	Aluminium PTFE (Polytetraflu Stainless Steel Material Copper Beryllium		Anodized Passivated (Plating) Surface Plating Gold Plating	
Body Insulator Coupling nut Piece Part (side2) Centre contact Outer contact	Aluminium PTFE (Polytetraflu Stainless Steel Material Copper Beryllium Stainless Steel	Alloy	Anodized Passivated (Plating) Surface Plating Gold Plating Passivated (Plating)	
Body Insulator Coupling nut Piece Part (side2) Centre contact Outer contact Body	Aluminium PTFE (Polytetraflu Stainless Steel Material Copper Beryllium Stainless Steel Aluminium	Alloy	Anodized Passivated (Plating) Surface Plating Gold Plating Passivated (Plating)	
Body Insulator Coupling nut Piece Part (side2) Centre contact Outer contact Body Insulator	Aluminium PTFE (Polytetraflu Stainless Steel Material Copper Beryllium Stainless Steel Aluminium	Alloy	Anodized Passivated (Plating) Surface Plating Gold Plating Passivated (Plating)	
Body Insulator Coupling nut Piece Part (side2) Centre contact Outer contact Body Insulator Related Documents	Aluminium PTFE (Polytetraflu Stainless Steel Material Copper Beryllium Stainless Steel Aluminium PTFE (Polytetraflu	Alloy	Anodized Passivated (Plating) Surface Plating Gold Plating Passivated (Plating)	

Data Sheet

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HUBER+SUHNER

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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