RF Attenuator 6810.17.B

Connector (side 1 / side 2)

Interface Standards

Description

Precision Attenuator, Low Power



HUBER+SUHNER

Technical Data					
Electrical Data Nominal impedance Nominal attenuation Frequency range Frequency sub range (GHz) Attenuation deviation (±dB) VSWR max.	50 Ω 10 dB DC to 18 GHz DC to 4 0.3 1.1	4 to 6 0.3 1.1	6 to 8 0.3 1.15	8 to 12.4 0.6 1.15	12.4 to 18 0.8 1.25
Power rating	1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. 500 Watt peak power, 5 μs pulse, 0.05 % duty cycle				
Mechanical Data					
Weight	0.086 kg				
Environmental Data Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	-55 °C to 130 °C compliant				
Material Data					
Piece Part (side 1)	Material			Surface Plating	
Centre contact	Copper Beryllium Allo	ý		Gold Plating	
Outer contact	Stainless Steel				
Body	Stainless Steel				
Insulator	Air Dielectric - Bead -	PPH			
Coupling nut	Brass			SUCOPLATE (R) Plating	
Piece Part (side2)	Material			Surface Plating	
Centre contact	Copper Beryllium Allo	Ý		Gold Plating	
Outer contact	Stainless Steel				
	Otalificos Oteel				
Body	Stainless Steel				
Body Insulator		РРН			
	Stainless Steel	PPH			
Insulator	Stainless Steel	РРН			
Insulator Related Documents	Stainless Steel Air Dielectric - Bead -	РРН			

N-precision plug (male) / N-precision jack (female)

IEC 60169-16_MIL-STD-348A/304_CECC 22210

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

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