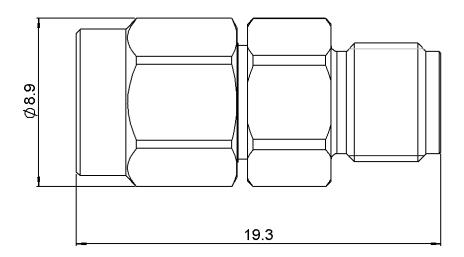




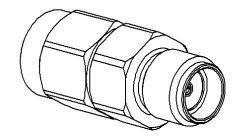
SMA ATTENUATOR 9 DB 18 GHZ 2W

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Scale 1:1



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body Male center contact	STAINLESS STEEL BERYLLIUM COPPER	PASSIVATED GOLD 2 OVER NICKEL 2
Female center contact Outer contact Insulator	BERYLLIUM COPPER - PTFE	GOLD 1.3 OVER NICKEL2 -
Gasket Substrate	SILICONE RUBBER ALUMINA	
Resistor Others parts	THIN FILM	-



# **Technical Data Sheet**

SMA ATTENUATOR 9 DB 18 GHZ 2W

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#### **ELECTRICAL CHARACTERISTICS**

Frequency (GHz)	DC - 4	4 - 8	8 - 12.4	12.4 - 18
V.S.W.R (≤)	1.15	1.20	1.25	1.35
Deviation(±dB)	0.40	0.40	0.50	0.90

Operating Frequency Range	DC - 18	GHz Ω dB	
Impedance	50		
Nominal Attenuation	9		
Peak power at 25°C (1µs, 1‰)	100	W	
Average power at 25°C	2	W (Free Air Cooled)	
		W (Conduction Cooled)	

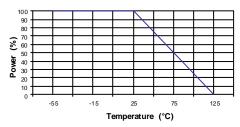
#### MECHANICAL CHARACTERISTICS

Connectors	SMA	Male Female	MIL-C 39012
Weight	<b>4,7300</b> g		

### **ENVIRONMENTAL CHARACTERISTICS**

l	Operating temperature range	-55 /+125	°C
	Storage temperature range	-55 /+125	°C

#### Power derating Versus temperature



## SPECIFICATION

# OTHER CHARACTERISTICS