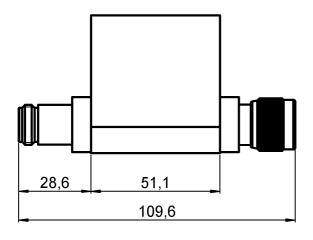
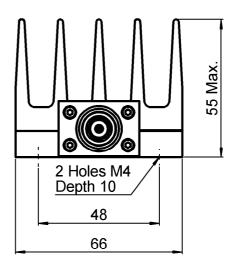
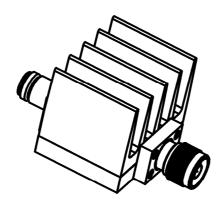
# N ATTENUATOR 10 DB 3 GHZ 50W

R417.010.120

Series : **ATTENUATOR** 







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING(μm)
MALE CENTER CONTACT FEMALE CENTER CONTACT OUTER CONTACT INSULATOR GASKET SUBSTRATE RESISTOR	STAINLESS STEEL BERYLLIUM COPPER BERYLLIUM COPPER  PTFE SILICONE RUBBER ALUMINA THICK FILM ALUMINIUM	PASSIVATED GOLD 2.5 OVER NICKEL 1 GOLD 2.5 OVER NICKEL 1 BLACK PAINTING

Issue: 0840 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



# N ATTENUATOR 10 DB 3 GHZ 50W

R417.010.120

Series: ATTENUATOR

#### **ELECTRICAL CHARACTERISTICS**

Frequency (GHz)	DC - 1	1 - 2	2 - 3
V.S.W.R (≤)	1.10	1.25	1.35
Deviation(±dB)	0.70	0.70	0.70

Operating Frequency Range	DC - 3	GHz
Impedance	50	Ω
Nominal Attenuation	10	dB
Peak power at 25°C (1µs, 1‰)	5000	W
Average power at 25°C	40	W (Free Air Cooled)
	50	W (Conduction Cooled)
For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min, is required		

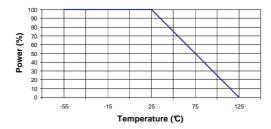
### **MECHANICAL CHARACTERISTICS**

Connectors	N	Male Female	MIL-C 39012
Weight	360,8700 g		

### **ENVIRONMENTAL CHARACTERISTICS**

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

#### Power derating Versus temperature



## **SPECIFICATION**

# **OTHER CHARACTERISTICS**

