

**BNC ATTENUATOR**  
**1 DB 8 GHZ 2W**

**R414.401.000**

Series : ATTENUATOR



SCALE 1/1



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING( $\mu\text{m}$ )
BODY	BRASS	NICKEL 5
MALE CENTER CONTACT	BERYLLIUM COPPER	GOLD 2.5 OVER NICKEL 1
FEMALE CENTER CONTACT	BERYLLIUM COPPER	GOLD 2.54 OVER NICKEL 1.27
OUTER CONTACT		
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
SUBSTRATE	ALUMINA	
RESISTOR	THIN FILM	
OTHERS PARTS		

Issue : 0835 B

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

RADIALL 

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**ELECTRICAL CHARACTERISTICS**

Frequency (GHz)	DC - 4	4 - 8
V.S.W.R (≤)	1.20	1.25
Deviation(±dB)	0.30	0.50

Operating Frequency Range	DC - 8	GHz
Impedance	50	Ω
Nominal Attenuation	1	dB
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	BNC	Male Female	MIL-C 39012
Weight	29,2160 g		

**ENVIRONMENTAL CHARACTERISTICS**

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



**SPECIFICATION**

**OTHER CHARACTERISTICS**

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