



## C4N1009-XX N/Male to N/Female 100 Watt Square Attenuator 4 Ghz

Rev 001

<b>Electrical</b>	
Frequency	0-4 Ghz
VSWR	1.20 Max
Impedance	50 Ohms
<b>Mechanical</b>	
N Interface per	MIL-STD-348B
Operating Temperature	-55°C to +125°C
<b>Materials</b>	
Body	Nickel Plated Brass
Contacts	BeCu(Female), Brass(Male)
Contact Plating	Au 30μ"
Dielectric	PEI
ROHS Compliant	



Power Handling	
Average	100 Watts at 25°C, de-rated linearly to 0.5 Watts at 125°C
Peak	5000 Watts (5 μsec pulse width, 0.5% duty cycle)

Attenuation Accuracy (Max)				
	6-10 dB	20 dB	30 dB	40 dB
DC-4 Ghz	±0.70 dB	±0.70 dB	±0.80 dB	±0.90 dB

<p><b>Outline</b></p> <p>Dimensional Tolerances</p> <table border="1"> <tr> <td>.X</td> <td>±.030</td> </tr> <tr> <td>.XX</td> <td>±.010</td> </tr> <tr> <td>.XXX</td> <td>±.005</td> </tr> </table>	.X	±.030	.XX	±.010	.XXX	±.005	<b>Related Links</b>			
	.X	±.030								
	.XX	±.010								
	.XXX	±.005								
<b>Typical Data</b>		<b>Product Page</b>								
6 dB	30 dB	<a href="#">C4N1009-6</a>	<a href="#">C4N1009-30</a>							
10 dB	40 dB	<a href="#">C4N1009-10</a>	<a href="#">C4N1009-40</a>							
20 dB		<a href="#">C4N1009-20</a>								