



## C4N100-XX N/Male to N/Female 100 Watt Attenuator 4 Ghz

Rev 004

<b>Electrical</b>	
Frequency	0-4 Ghz
VSWR	1.25 Max @ 4 Ghz
Impedance	50 Ohms
<b>Mechanical</b>	
N Interface per	MIL-STD-348B
Operating Temperature	-55°C to +125°C
<b>Materials</b>	
Body	Passivated Stainless Steel
Contacts	BeCu
Contact Plating	Au Per MIL-G-45204
Dielectric	PTFE per ASTM-D-1710
ROHS Compliant	



Power Handling	
Average	100 Watts at 25°C, de-rated linearly to 5 Watts at 125°C
Peak	5000 Watts (5 µsec pulse width, 1% duty cycle)

0-30 dB Bidirectional; C4N100-40 Unidirectional Female Input; C4N100-40M Unidirectional Male Input

Attenuation Accuracy (Max)			
	3-20 dB	30 dB	40 dB
DC-4 Ghz	±0.75 dB	±1.00 dB	±1.20 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	Related Links			
		.X	±.030								
.XX	±.010										
.XXX	±.005										
Typical Data		Product Page									
3 dB	20 dB	C4N100-3	C4N100-20								
6 dB	30 dB	C4N100-6	C4N100-30								
10 dB	40 dB	C4N100-10	C4N100-40								
15 dB	40 dB(M)	C4N100-15	C4N100-40M								