



## C8N100-XX N/Male to N/Female 100 Watt Attenuator 8.5 Ghz

Rev 001

<b>Electrical</b>	
Frequency	0-8.5 Ghz
VSWR	1.35 Max
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)

Attenuation Accuracy (Max)				
	3, 6 dB	10 dB	20 dB	30 dB
DC-8 Ghz	±0.75 dB	±0.75 dB	±0.75 dB	±1.00 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									
6 dB	20 dB	C8N100-06	C8N100-20								
10 dB	30 dB	C8N100-10	C8N100-30								