



## C8N25-XX N/Male to N/Female 25 Watt Attenuator 8.5 Ghz

Rev 001

<b>Electrical</b>	
Frequency	0-8 Ghz
VSWR	1.25 Max @ 4 Ghz; 1.30 Max @ 8.5 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	25 Watts with case temp <100°C w/conductive heat sink
Peak	5000 Watts (5 µsec pulse width, 0.25% duty cycle)

Attenuation Accuracy (Max)			
	10 dB	20 dB	30 dB
DC-8.5 Ghz	±0.30 dB	±0.30 dB	±0.60 dB

<p style="text-align: center;"><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							
C8N25-10	C8N25-10							
C8N25-20	C8N25-20							
C8N25-30	C8N25-30							