



C8N1009-XX N/Male to N/Female 100 Watt Conduction Cooled Attenuator 8.5 GHZ

Rev 000

Electrical	
Frequency	0-8.5 GHZ
VSWR	1.25
Impedance	50 Ohms
Mechanical	
N Interface per	MIL-STD-348B
Operating Temperature	-55°C to +125°C
Materials	
Body	Ternary Alloy Plated Brass
Contacts	BeCu(Female), Brass(Male)
Contact Plating	Au 30μ" Min
Dielectric	PTFE
ROHS Compliant	



Power Handling	
Average	100 Watts at 25°C, de-rated linearly to 0 Watts at 125°C

Attenuation Accuracy (Max)		
	10-20 dB	30 dB
DC-8.5 GHZ	±0.80 dB	±0.90 dB

<p>Outline</p> <p>4X COUNTERBORE Ø.30" DEPTH .14" THRU Ø.14"</p> <p>1.50"</p> <p>2.00" ±0.01</p> <p>2.00"</p> <p>1.00"</p> <p>3.13" ±0.02</p> <p>19mm HEX</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							
10 dB	C8N1009-10							
20 dB	C8N1009-20							
30 dB	C8N1009-30							