



## C18N50-XX N/Male to N/Female 50 Watt Attenuator 18 GHZ Bidirectional

Rev 002

<b>Electrical</b>	
Frequency	0-18 GHZ
VSWR	1.45 Max(3-6 dB) 1.35 Max(10-40 dB)
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	50 Watts at 25°C, de-rated linearly to 5 Watts at 125°C
Peak	1 Kilowatt (5 µsec pulse width, 2.5% duty cycle)

Attenuation Accuracy (Max)				
	3, 6 dB	10 dB	15-20 dB	30-40 dB
DC-18 GHZ	±0.75 dB	±0.5 dB	±0.75 dB	±1.0 dB

3, 6 dB	Bidirectional
10-40 dB	Unidirectional

<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	C18N50-03	C18N50-20								
6 dB	30 dB	C18N50-06	C18N50-30								
10 dB	40 dB	C18N50-10	C18N50-40								
15 dB		C18N50-15									