



C50-XX 2.4/Male to 2.4/Female 50 GHZ 0.5 Watt Attenuator

Rev 001

Electrical	
Frequency	DC-50 GHZ
VSWR	1.75 @ 50 Ghz
Impedance	50 Ohms
Mechanical	
2.92 Interface per	MIL-STD-348B
Operating Temperature	-55°C to +125°C
Materials	
Body	Passivated Stainless Steel
Contact	BeCu
Contact Plating	Au per MIL-G-45204
ROHS Compliant	



Power Handling	
Average	0.5 Watts at 25°C
Peak	500 Watts (2 μsec pulse width, 0.02% duty cycle)

Attenuation Accuracy (Max)		
	DC to 26.5 GHZ	26.5 to 40 GHZ
3-6 dB	±.60 dB	±1.10 dB
10 dB	±.85 dB	±1.50 dB
20 dB	±1.00 dB	±1.50 dB
30 dB	±1.10 dB	±1.75 dB

<p>Outline</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									
C50-3	C50-20	C50-3	C50-20								
C50-6	C50-30	C50-6	C50-30								
C50-10		C50-10									