



C3N502-XX N/Male to N/Female 50 Watt Attenuator 3 GHZ

Rev 001

Electrical	
Frequency	0-3 GHz
VSWR	1.15 Max @ 3 GHz
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)
Dielectric	PEI
ROHS Compliant	



Power Handling	
Average	50 Watts at 25°C, de-rated linearly to 5 Watts at 115°C
Peak	5000 Watts (5 µsec pulse width, 0.5% duty cycle)

Attenuation Accuracy (Max)				
	3, 6 dB	10-20 dB	30 dB	40 dB
DC-3 GHz	±0.3 dB	±0.3 dB	±0.4 dB	±0.5 dB

Outline		Related Links									
<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	Typical Data		Product Page	
		.X	±.030								
		.XX	±.010								
		.XXX	±.005								
		3 dB	20 dB	C3N502-3	C3N502-20						
6 dB	30 dB	C3N502-6	C3N502-30								
10 dB	40 dB	C3N502-10	C3N502-40								
15 dB		C3N502-15									