



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

Rev 001

<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

<p><b>Outline</b></p>		Related Links		
		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	

Dimensional Tolerances

.X	±.030
.XX	±.010
.XXX	±.005