



## C18N100-XX N/Male to N/Female 100 Watt Attenuator 18 Ghz

Rev 001

<b>Electrical</b>	
Frequency	0-18 Ghz
VSWR	1.35 (10-40 dB) 1.45 (3-6 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
ROHS Compliant	



Power Handling	
Average	100 Watts at 25°C, de-rated linearly to 10 Watts at 125°C
Peak	1000 Watts (5 µsec pulse width, 2.5% duty cycle)

Attenuation Accuracy		
10 dB	3, 6, 20 dB	30, 40 dB
±0.75 dB	±1.00 dB	±1.20 dB

\*3 & 6 dB are Bidirectional. All others are Unidirectional

		Related Links	
		Typical Data	Product Page
3 dB	20 dB	C18N100-03	C18N100-20
6 dB	30 dB	C18N100-06	C18N100-30
10 dB	40 dB	C18N100-10	C18N100-40