



C18S100-XX SMA/Male to SMA/Female 100 Watt Attenuator 18 Ghz

Rev 000

Electrical	
Frequency	0-18 Ghz
VSWR	1.20 @ 8 Ghz; 1.25 @ 12.4 Ghz; 1.35 @ 18 Ghz(1.45 for 3 & 6 dB)
Impedance	50 Ohms
Mechanical	
SMA Interface per	MIL-STD-348B
Operating Temperature	-55°C to +125°C
Materials	
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	20 dB	30, 40 dB
±0.75 dB	±1.00 dB	±1.20 dB

*Unidirectional

