



C18S2-XX SMA/Male to SMA/Female 18 GHZ 2 Watt Attenuator

Rev 003

Electrical	
Frequency	0-18 GHZ
VSWR	1.30
Impedance	50 Ohms
Mechanical	
SMA Interface per	MIL-STD-348B
Operating Temperature	-55°C to +125°C
Materials	
Body	Passivated Stainless Steel
Contact	BeCu
Contact Plating	Au 50μ" Min
Dielectric	PTFE



Power Handling	
Average	2 Watts at 25°C, derated linearly to 0.2 watts at 125°C

Attenuation Accuracy (Max)				
	1-6 dB	7-10 dB	11-20 dB	21-30 dB
DC-6 GHZ	±0.4 dB	±0.5 dB	±0.6 dB	±0.8 dB
6-12 GHZ	±0.4 dB	±0.5 dB	±0.7 dB	±0.9 dB
12-18 GHZ	±0.4 dB	±0.5 dB	±0.8 dB	±1.0 dB

<p>Outline</p> <p>.95" (1-10 dB) 1.05" (11-30 dB)</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 Pages								
	0 dB	8 dB	16 dB	C18S2-0	C18S2-8	C18S2-16						
	1 dB	9 dB	17 dB	C18S2-1	C18S2-9	C18S2-17						
	2 dB	10 dB	18 dB	C18S2-2	C18S2-10	C18S2-18						
	3 dB	11 dB	19 dB	C18S2-3	C18S2-11	C18S2-19						
	4 dB	12 dB	20 dB	C18S2-4	C18S2-12	C18S2-20						
5 dB	13 dB	23 dB	C18S2-5	C18S2-13	C18S2-23							
6 dB	14 dB	25 dB	C18S2-6	C18S2-14	C18S2-25							
7 dB	15 dB	30 dB	C18S2-7	C18S2-15	C18S2-30							