



C6S2-XX SMA/Male to SMA/Female 6 GHZ 2 Watt Attenuator

Rev 001

Electrical	
Frequency	0-6 GHZ
VSWR	1.25 Max
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	12-20 dB	30 dB
DC-6 GHZ	±0.4 dB	±0.5 dB	±0.6 dB	±0.8 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										
C6S2-0	C6S2-8	C6S2-0	C6S2-8	C6S2-1	C6S2-9						
C6S2-1	C6S2-9	C6S2-2	C6S2-10	C6S2-2	C6S2-10						
C6S2-2	C6S2-10	C6S2-3	C6S2-12	C6S2-3	C6S2-12						
C6S2-3	C6S2-12	C6S2-4	C6S2-13	C6S2-4	C6S2-13						
C6S2-4	C6S2-13	C6S2-5	C6S2-15	C6S2-5	C6S2-15						
C6S2-5	C6S2-15	C6S2-6	C6S2-20	C6S2-6	C6S2-20						
C6S2-6	C6S2-20	C6S2-7	C6S2-30	C6S2-7	C6S2-30						