



Coaxial Termination



Part No: HD-180CL2S1

1.0	Mechanical Specifications	
1.1	Connector Type	SMA Male
1.2	Body Material	Stainless Steel
1.3	Center Contact	Copper Plated Gold
1.4	Insulator Gasket	PTFE
1.5	Dimensions	Φ9×16 mm
1.6	Weight	5 g
1.7	Operation Temp	-55°C ~ +125°C
2.0	Electrical Specifications	
2.1	Frequency Range	DC-18 GHz
2.2	VSWR (Max)	1.25
2.3	Power Handling	Avg Power: 2 W to 25°C ambient temperature, derated linearly to 0.2 W @ 125°C. Peak Power: 0.25 kW, 5μs pulse width with 0.4% duty cycle
2.4	Nominal Impedance	50 Ω
3.0	Outline Drawings	
<p>The drawing shows a side view of the SMA Male connector. It is a cylindrical component with a length of 16 mm and an outer diameter of 9 mm (labeled as ø9). The connector is labeled 'SMA(M)'. The drawing shows the internal structure of the center contact and the outer shell.</p>		



Revision History

Date	Revision	Changes
24-Mar-2007	1	First release

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