



## Coaxial Termination



Part No: HD-180CL2N

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Connectors	Brass Nickel Plated
1.2	Male Pin	Brass Gold Plated
1.3	Female Pin	Beryllium Copper Gold Plated
1.4	Housing	Aluminum
1.5	Dimension	Φ20×53mm
1.6	Weight	50g
1.7	Temperature range	-55℃ - +125℃
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	DC-18 GHz
2.2	VSWR (Max)	DC-4 GHz: 1.09 4-8 GHz: 1.12 8-12.4 GHz: 1.17 12.4-18 GHz: 1.22
2.3	Input Impedance	50 Ω
2.4	Power rating	Avg Power: 2 W to 25℃ ambient temperature, derated linearly to 0.5W @ 125℃ Peak Power: 0.5 kW, 5μs pulse width with 0.4% duty cycle
<b>3.0</b>	<b>Outline Drawings</b>	
<p>The drawing shows a side view of the coaxial termination. It consists of a main cylindrical body and a connector section. The total length is 53 mm, and the length of the main body is 33.5 mm. The diameter is 20 mm, indicated by the symbol Φ20. A note '(NCM)' points to the connector section. A red dashed line represents the center axis of the component.</p>		



**Revision History**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
24-Mar-2007	1	First release

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