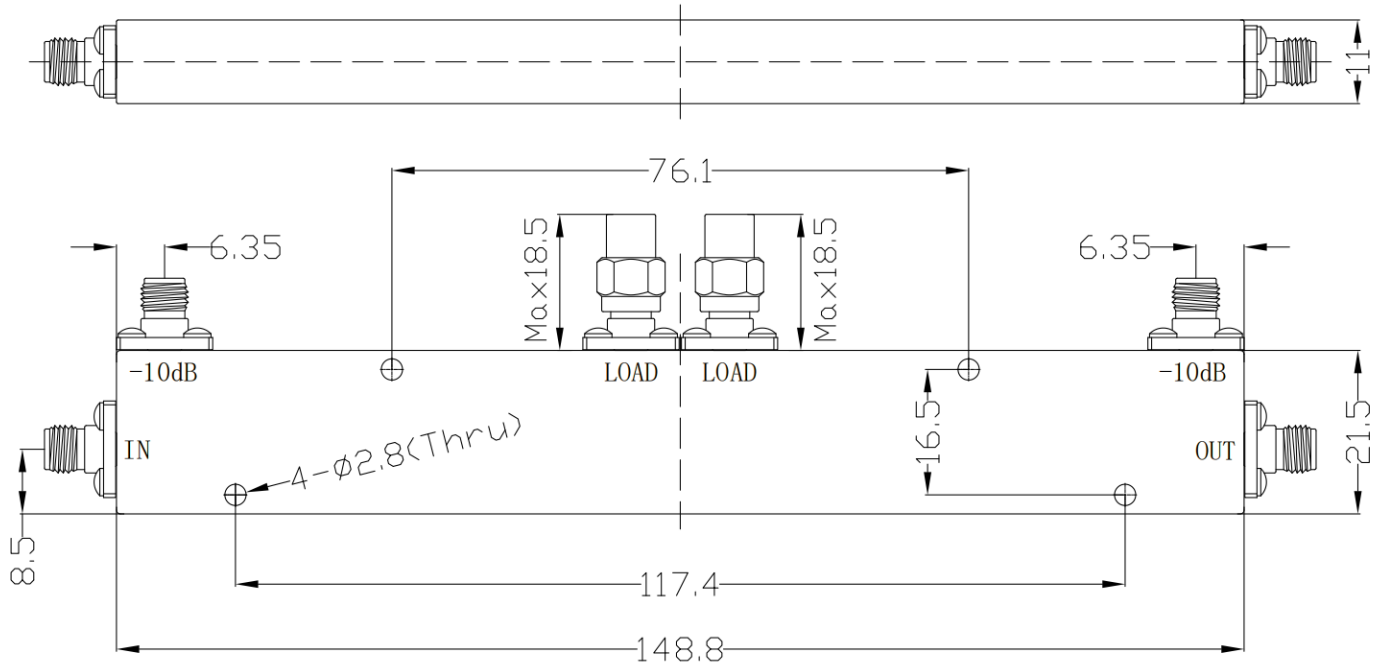


## SMA Dual Directional Coupler, RDCD09F15S-10

### 0.9-15GHz, Coupling 10dB, 10W

#### Dimensions(mm) Tolerance $\pm 1\%$



#### Electrical & Environmental

<b>Frequency Range</b>	0.9-15GHz	<b>Impedance</b>	50 Ohm
<b>VSWR Primary</b>	1.4 Max		
<b>VSWR Secondary</b>	Max		
<b>Insertion Loss</b>	1.8dB Max (Excluding Coupling Loss 0.92dB)		
<b>Directivity</b>	15dB Min		
<b>Frequency Sensitivity</b>	$\pm 1.1$ dB		
<b>Nominal Coupling</b>	10 $\pm 1.0$ dB		
<b>Input Avg Power</b>	10 Watts max @25°C (Derate linearly to 1 Watt at 100°C) Reflected: 10W Max.		
<b>Operating Temp</b>	0°C~+45°C		

#### Mechanical & Product Information

<b>Product Number</b>	RDCD09F15S-10	<b>Product Type</b>	Dual Directional Coupler
<b>Connector</b>	SMA Female	<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper		
<b>Housing</b>	Light blue paint		
<b>Dimensions</b>	148.8 $\times$ 21.5 $\times$ 11mm	<b>Net Weight</b>	About 115.0g