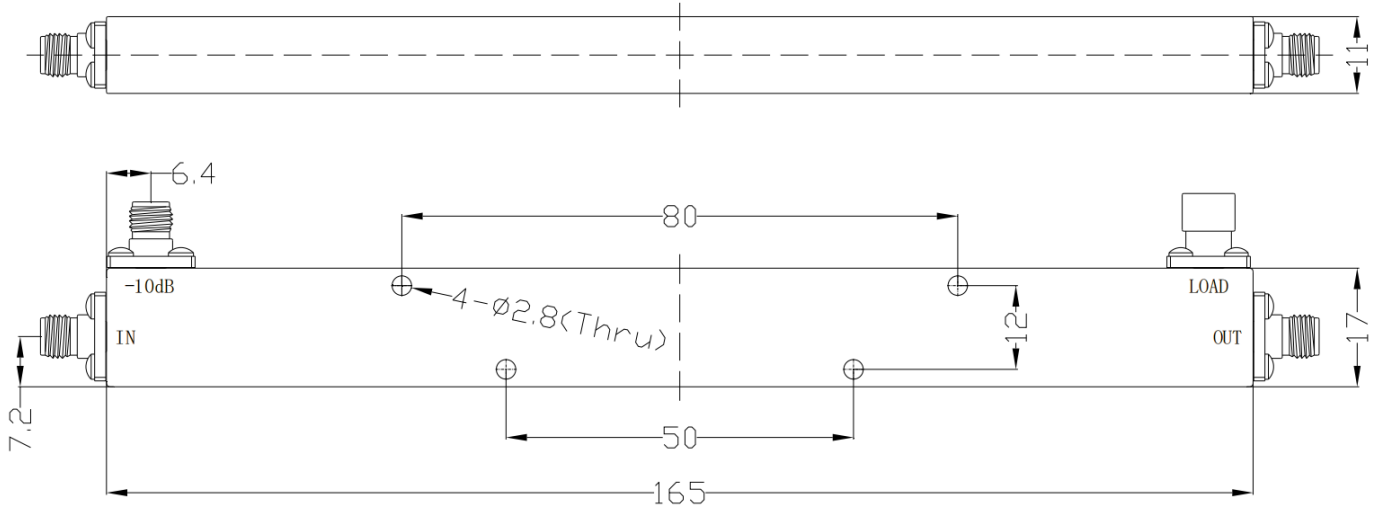


## SMA Directional Coupler, RDC04F6S-10

0.4-6GHz, Coupling 10dB, 30W

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



### Electrical & Environmental

<b>Frequency Range</b>	0.4-6GHz	<b>Impedance</b>	50 Ohm
<b>VSWR Primary</b>	1.25 Max		
<b>VSWR Secondary</b>	Max		
<b>Insertion Loss</b>	0.9dB Max (Excluding Coupling Loss 0.46dB)		
<b>Directivity</b>	18dB Min		
<b>Frequency Sensitivity</b>	$\pm 1.0$ dB		
<b>Nominal Coupling</b>	$10 \pm 1.0$ dB		
<b>Input Avg Power</b>	30 Watts max @25°C (Derate linearly to 3 Watt at 100°C) Reflected: 2W Max.		
<b>Operating Temp</b>	-30°C~+70°C		

### Mechanical & Product Information

<b>Product Number</b>	RDC04F6S-10	<b>Product Type</b>	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>	165×17×11mm	<b>Net Weight</b>	About 95.0g