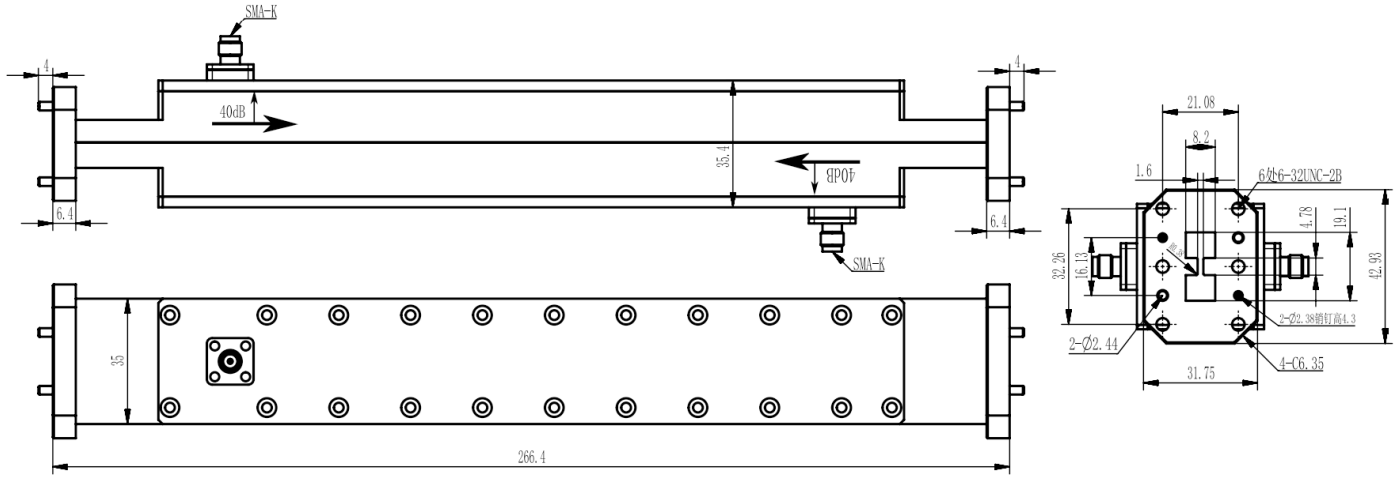


## WRD500 Double Ridge Waveguide Dual Directional Coupler, SMA Female Coupled Port, RWDDCD500S-40 5-18GHz, Coupling 40dB, FPWRD500 Rectangular Flange

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



### Electrical & Environmental

<b>Frequency Range</b>	5-18GHz	<b>Impedance</b>	50 Ohm
<b>VSWR Primary</b>	1.1 Max		
<b>VSWR Secondary</b>	1.4 Max		
<b>Insertion Loss</b>	dB Max		
<b>Directivity</b>	25dB Min		
<b>Nominal Coupling</b>	40 $\pm$ 1.5dB		

### Mechanical & Product Information

<b>Product Number</b>	RWDDCD500S-40, P-Grade	<b>Product Type</b>	Double Ridge Waveguide Dual Directional Coupler
<b>Waveguide</b>	WRD500, FPWRD500 Rectangular Flange	<b>Waveguide Body</b>	Aluminum, grey painted
<b>Coupled Port</b>	SMA Female	<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Aluminum, electric conductive oxidation		
<b>Housing</b>	Grey paint		
<b>Dimensions</b>	266.4(L) $\times$ 42.93(W) $\times$ 31.75(H)mm	<b>Net Weight</b>	-



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