



# Double Ridge Waveguide Right Angle Adapter

## Description

We are proud to provide a wide range of double ridge waveguide right angle adapter covering bands from 1 GHz to 40 GHz. Our right-angle adapters are featured with full band operation, deep matching, and high-power handling capability.

## Applications

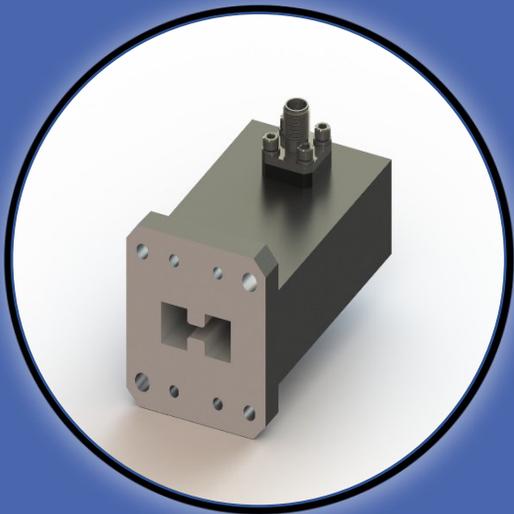
- Microwave component testing
- Radar systems
- Satellite applications

## Electrical Specifications

- Partial bands adapters are available upon request with better electrical characteristics and customized solutions.
- Pressurized and TVAC units are available based on the client's requirement.
- WRD250S/WRD600 are SMC special designed double ridge waveguide structures that cover extremely wide band 3:1.
- WRD600P is an SMC special designed double ridge waveguide structure with exceptional high-power handling capability.

## Mechanical Specifications

**Material:** Aluminum 6061 / Copper / Brass  
**Finish:** Chromate/Plated  
**Paint:** As per request



### Contact Info :

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## Electrical Specifications

Model Number	Waveguide Size	Frequency	VSWR	Dimension (L) inch	Coaxial Interface
<b>SMC-137D840</b>	WRD840	0.84-2.00 GHz	1.20:1	6	N(f) / 7-16 (f)
<b>SMC-137D200</b>	WRD200	2.00-4.80 GHz	1.20:1	4	N(f)
<b>SMC-137D250S*</b>	WRD250S	2.50-7.50 GHz	1.20:1	4	N(f)
<b>SMC-137D250</b>	WRD250	2.60-7.80 GHz	1.20:1	4	N(f)
<b>SMC-137D350</b>	WRD350	3.50-8.20 GHz	1.20:1	3.5	N(f)
<b>SMC-137D475</b>	WRD475	4.75-11.00 GHz	1.20:1	3.5	SMA(f)
<b>SMC-137D500</b>	WRD500	5.00-18.00 GHz	1.20:1	3.5	SMA(f)
<b>SMC-137D580</b>	WRD580	5.80-16.00 GHz	1.20:1	3	SMA(f)
<b>SMC-137D600P*</b>	WRD600P	6.00-12.00 GHz	1.20:1	3	SMA(f)
<b>SMC-137D600*</b>	WRD600	6.00-18.00 GHz	1.20:1	3	SMA(f)
<b>SMC-137D650</b>	WRD650	6.50-18.00 GHz	1.20:1	3	SMA(f)
<b>SMC137D750</b>	WRD750	7.50-18.00 GHz	1.20:1	3	SMA(f)
<b>SMC-137D180</b>	WRD180	18.00-40.00 GHz	1.35:1	2	K(f)

