

Model: 121E-350D-SC-M-CUS WRD350 to SC-Type Double Ridge End Launch Adapter

## **Applications**

- Radar Systems
- Communication Systems
- Test Benches
- Military and Space

## **Product Features**

- Broad Band Coverage
- Low Insertion Loss and VSWR
- High Power Rated

## **Product Description**

**Model 121E-350D-SC-M-CUS** is a double ridge waveguide to coaxial adapter. It offers seamless transition of high power RF energy between WRD350 and SC-Type Coax interfaces. The adapter provides extremely low Insertion Loss of less than 0.1 dB across 3.5 – 8.2 GHz and Return Loss of better than -21 dB. Different sizes and interfaces are available upon request.

## **Product Specifications**

Electrical		
Operating Frequency	3.5 - 8.2 GHz	
Insertion Loss	≤ 0.1 dB	
Return Loss	≤-21 dB	
Power Handling	800W CW	
	1400W Peak	
Operating Temperature	-40° to 70° C	

Mechanical	
Port 1	WRD350D24
Port 2	SC - Type, Female
Housing Material	Aluminum
Finishing	XXXXXX
Dimensions (W x H x D)	XX" x XX" x XX"
Weight	≤XXX g

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