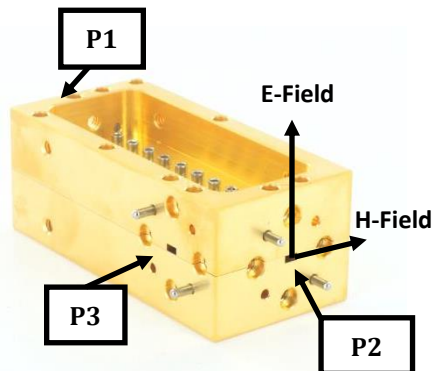


WR8.0DC

1 Product Overview and Specifications

Product List (Quantity)	Serial Number(s)	Order No.	Date / Initials
WR8.0 Coupler (1)	WR8.0BC3PR3 1-38	15165	07/12/2015 SFM

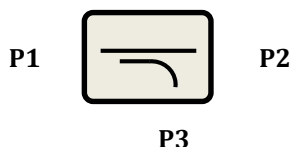
Product Description: This VDI product includes one WR8.0 branch coupler.



Parameter	Specifications
Incident Port [P1]	90-140GHz [WR8.0 UG-387/UM]
Through Port [P2]	
Coupled Port [P3]	
Directivity	~20dB*
Insertion Loss (P1/P2)	~2dB*
Coupling Factor (P1/P3)	~20dB*
Divisional Ratio (P2/P3)	~18dB*

Table 1: General product specifications are shown.

Figure 1: Photograph of a WR8.0 DC is shown.



Remove protective dust caps from waveguide flanges prior to use.

Figure 2: Diagram of a 3-port coupler is shown.

Note: Photographs and specifications of accessories (horns, waveguide straights, etc.) are not included in this user guide.

2 Warning and Caution Statements

WARNING AND CAUTION STATEMENTS	
WARNING	This product can be permanently damaged by Electrostatic Discharge (ESD). It is recommended that engineers and technicians wear a special grounded wrist strap when handling this component. In addition, the work environment around the component should be well grounded.
WARNING	Opening the blocks, parts, or components will damage the internal components. VDI is not responsible for the warranty or guaranty of products damaged as a result of improper handling, testing, biasing, or use by customer.
CAUTION	VDI assumes the customer is familiar with microwave, millimeter wave, and VDI products. The user and customer are expected to understand all safety guidelines, health hazards, and general advisories that may exist and are associated with the use of this device. VDI is not responsible for any human hazards that may exist or may occur while using this device.

4 End of Document