

**Description**

Mi-Wave's 559 series broadband directional couplers are broad-wall multi-hole energy-coupling devices.

**Notes**

S/N: N/A

**Electrical Specifications**

	<b>Minimal</b>	<b>Typical</b>	<b>Maximum</b>
Frequency	60 GHz		90 GHz
Insertion Loss		1.0 dB	
Directivity		40 dB	
VSWR			1.15:1
Coupling		20 dB	
Coupling Accuracy		±1.5 dB	

**Physical Specifications**

Input and Output Port	WR-12 Waveguide, UG-387/U Flange
Waveguide and Flange Material	Oxygen Free Copper Waveguide with Brass Flanges
Waveguide and Flange Finish	Gold Plated

Tested by: KM

Date: 2020-03-30

