

**Description**

Mi-Wave's 561 series broadband directional couplers are broad-wall multi-hole energy-coupling devices.

**Notes**

S/N: NA

**Electrical Specifications**

|                    | Minimal | Typical | Maximum |
|--------------------|---------|---------|---------|
| Frequency          | 40 GHz  |         | 60 GHz  |
| Insertion Loss     |         | .7 dB   |         |
| Directivity        |         | 35 dB   |         |
| VSWR               |         |         | 1.05    |
| Coupling           |         | 6 dB    |         |
| Coupling Variation |         | ±.08 dB |         |
| Coupling Accuracy  |         | ±1.0 dB |         |
|                    |         |         |         |
|                    |         |         |         |
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|                    |         |         |         |
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**Physical Specifications**

|                               |                                    |
|-------------------------------|------------------------------------|
| Input port and Output Port    | WR-19 Waveguide, UG-383/U-M Flange |
| Waveguide and Flange Material | Aluminum                           |
| Waveguide and Flange Finish   | Gold Plated                        |
| Weight                        | 10 oz                              |
|                               |                                    |
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Tested by: Kim Madden

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