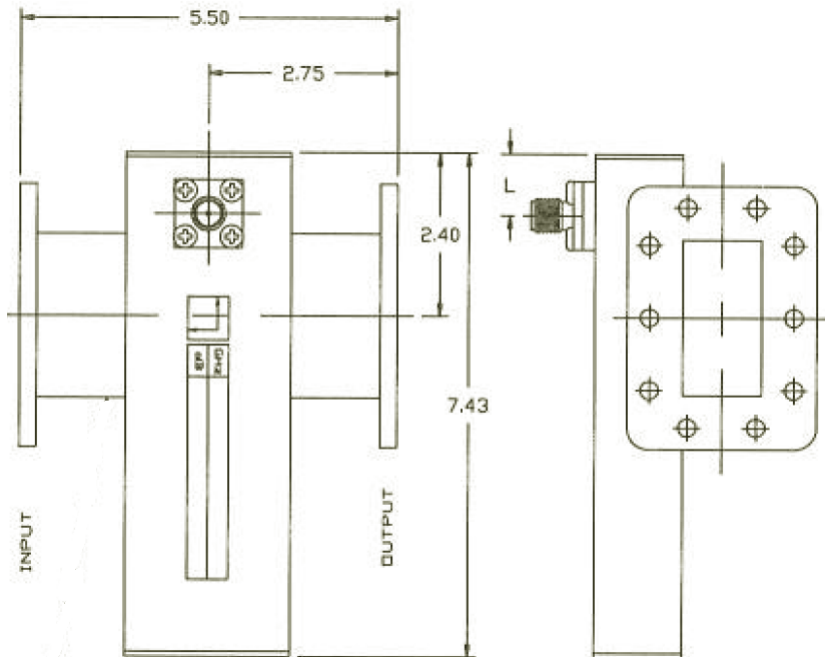


## Directional Coupler, 3.39-4.21GHz, 30dB Coupling N Female Connectors, WR229 Package



**Tolerance Table Metric (inch)**

(unless otherwise stated):

- Hole diameter +/- 0.1mm, (+/- 0.004")
- Dimensions (w\*h) +/- 0.3 mm, (+/- 0.015")
- Dimensions (Coax Connector position ) +/- 0.3mm, (+/- 0.012")
- Dimensions (Waveguide Slot Position), +/- 0.1mm, (+/- 0.04")
- Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

**Machined surfaces**

- Flatness 0.025mm, (0.001/ inch)
- Bend radius 0.8mm, (0.031" or 1/32")

**Units: mm(Inch)  
Not to scale**

**Order Examples:** RCPL-3.39-4.21-30d-WR229-Nf-o4

**Description:** (Directional Coupler, 3.39-4.21GHz, 30dB Coupling, WR229, N Female Connectors)

Specifications	Units	
Frequency Range	3.39-4.21 GHz	
Coupling Value	30 dB	
Directivity	20.0 dB min	
Coupling Flatness	±0.2 600MHz BW ±0.3 800MHz BW dB	
Waveguide	MIL-W-85/ 1-045	
Size	WR-229	
Flange	Input	dBc
	Output	
Connector	N Male or Female	
Finish Paint	Flat Black	
Dimension	0.90 Inch	
PSIg	5	