



### Electrical Specifications:

Frequency Range:	30 - 700	Mhz		
Coupling:	50 ± 1.0	dB		
Coupling Flatness:	± 1.50	dB	Max	
Insertion Loss:	0.25	dB	Max	
Directivity:	20	dB	Min	
VSWR In/Out:	1.20:1		Max	
Power Input:	500	Watts	Max	
Operating Temperature: -55°C to +75°C				
Finish: Clear chemical conversion coating. No color.				
Operating Humidity: Up to 95% Non-condensing				
Housing material: Aluminum 6061-T6				

# SigaTek

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**DP506584N**

**High Power Dual  
Directional Coupler 50 dB**

Dimensions are in inches and (mm)  
Decimal Tolerance:  
2 place +- 0.020  
3 place +- 0.010

**CAGE CODE : 69UC1**

Notes: All dimensions are typical unless they are specified.  
Specifications are subject to change at any time without any notice.  
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