



### Electrical:

Frequency Range:	2.0–18.0	Ghz	Ghz
Insertion Loss:	1.50	dB	Max
Theoretical Loss	3.01	dB	
Amplitude Balance:	±0.6	dB	Max
Isolation:	18	dB	Min
Phase Balance:	±8.0	Deg.	Max
VSWR:	1.40:1		Max
Power Handling Avg:	50	Watt	Max
Power Peak:	1000	Watt	Max
Operating Temp.:	-50 - +85 °C		
Weight:	18	grams	Typ
Operating Humidity:	Up to 95% Non-Condensing		
Input power is rated for load VSWR better than 1.20:1			

### Specifications:

SigaTek

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SQ24512

Hybrid 3 db 90 degree  
2.0-18.0 Ghz

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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