



FREQ GHz	MODEL	COUPLING dB	VSWR	ISOL'N dB	POWER W	PK PWR kW	DIM X in	DIM Y in	DIM Z in
0.5 - 1	2QS0501	3.1 ± 0.6	1.10	28	50	3	3.00	2.50	1.37
1 - 2	2QS0102	3.1 ± 0.6	1.10	28	50	3	1.78	1.28	0.50
2 - 4	2QS0204	3.1 ± 0.6	1.15	25	50	3	1.15	0.65	0
2.6 - 5.2	2QS2652	3.1 ± 0.6	1.25	20	50	3	1.00	0.50	0
4 - 8	2QS0408	3.2 ± 0.7	1.25	18	50	3	1.00	0.50	0
7 - 12.4	2QS0712	3.2 ± 0.7	1.30	18	50	3	1.00	0.50	0
12 - 18	2QS1218	3.4 ± 1.0	1.40	15	40	1	1.00	0.50	0

Terminate with load of sufficient power rating.

### ELECTRICAL SPECIFICATIONS

See table

### MECHANICAL SPECIFICATIONS

R.F. Interface SMA Female  
 Operating Temperature -40 ~ +85 °C (Tested at +25 °C)  
 Environment Indoor use only.  
 Humidity 90%, non-condensing.  
 Weight 1 oz Nominal

# WERBEL MICROWAVE

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 http://www.WerbelMicrowave.com CAGE Code: 78YZ0

### General Purpose

Connectors Stainless Steel, Passivate  
 Contact Pins Beryllium Copper, Gold Plate  
 Insulators PTFE  
 Housing Aluminum, RoHS Chemical Conversion  
 Finish Optional / Specify

### 90-degree Hybrid

REV	DESCRIPTION	ENG.	DATE
0	Engineering release.	ETW	3/20/2017

Input power is rated for load VSWR of 1.20:1, max. Insertion loss excludes coupling/split loss.  
 All dimensions in inches with tolerance ± .010" and are typical unless otherwise specified.  
 Specifications are subject to change without notice. This document shall not form part of any contract.