



### ELECTRICAL SPECIFICATIONS

Frequency Range	2.0 ~ 8.0 GHz	
Amplitude Balance	0.3 dB	Max.
Phase Balance	4 degrees	Max.
Isolation	17 dB	Min.
Insertion Loss	1.0 dB	Max.
Common Port VSWR	1.50:1	Max.
Split Port VSWR	1.50:1	Max.
Average Power as Splitter	10 Watts	Max.
Average Power as Combiner	.05 Watts/Port	Max.

Impedance	50 Ohms	Nom'l.
Passive Intermodulation	UNSPECIFIED	

### 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	1.5 oz. Nom'l.

# WERBEL MICROWAVE

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## 2PS0208

Connectors	Stainless Steel
Contact Pins	Beryllium Copper, Gold Plate
Insulators	PTFE, Virgin Electrical Grade
Housing	Aluminum, RoHS Chemical Conversion
Finish	Grey Acrylic Enamel BB310 (or as specified by customer)

## Power Splitter

REV	DESCRIPTION	ENG.	DATE
0	Engineering release.	ETW	1/22/2017

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