



### ELECTRICAL SPECIFICATIONS

Frequency Range	0.5 ~ 18.0 GHz	
Amplitude Balance	0.6 dB	Max.
Phase Balance	5 degrees	Max.
Isolation	16 dB	Min.
Insertion Loss	1.9 dB	Max.
Common Port VSWR	1.50:1	Max.
Split Port VSWR	1.50:1	Max.
Average Power as Splitter	30 Watts	Max.
Average Power as Combiner	0.75 Watts/Port	Max.
Peak Power	UNSPECIFIED	Max. (2% duty cycle)
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	3.8 oz. Nom'l.

# WERBEL MICROWAVE

622 State Hwy. 10 West, Unit 9, Whippany, New Jersey, 07981  
 Sales@WerbelMicrowave.com

Tel. (973) 515-3001 ~ FAX (973) 515-3004  
 http://www.WerbelMicrowave.com CAGE Code: 78YZ0

## 2PSX518

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

## Power Splitter

REV	DESCRIPTION	ENG.	DATE
0	Engineering release.	ETW	1/ 9/2017

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.