



ELECTRICAL SPECIFICATIONS

Frequency Range	2.0 ~ 18.0	GHz
Amplitude Balance	1.0	dB, Max.
Phase Balance	10	degrees, Max.
Isolation	16	dB, Min.
Insertion Loss	2.4	dB, Max.
Common Port VSWR	1.90	:1, Max.
Split Port VSWR	1.50	:1, Max.
Average Power as Splitter	20	Watts, Max.
Average Power as Combiner	0.125	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	16.8 oz. Nom'l.

WERBEL MICROWAVE

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8PS0218

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

Power Splitter / Combiner

REV	DESCRIPTION	ENG.	DATE
0	Engineering release.	ETW	1/13/2017
1	ECN 1088.	ETW	2/ 8/2017

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.