



### ELECTRICAL SPECIFICATIONS

Frequency Range	10	MHz
Amplitude Balance	0.2	dB, max.
Phase Balance	±1	degrees, max.
Isolation	30	dB, min.
Insertion Loss	9.6	dB, max.
Common Port VSWR	1.20	:1, max.
Split Port VSWR	1.20	:1, max.
Average Power as Splitter	1	Watts, max.
Average Power as Combiner	0.05	Watts/port, max.
Impedance	50	Ohms, nom'l.
Peak Power	UNSPEC'D.	kW, max (2% duty)
Passive Intermodulation	UNSPEC'D.	2x +43 dBm, nom'l.

### MECHANICAL SPECIFICATIONS

R.F. Interface	SMA Female
Operating Temperature	-40 ~ +65 °C (Tested at +25 °C)
Environment	Indoor use only.
Humidity	90%, non-condensing.
Weight	9.7 oz Nominal

# WERBEL MICROWAVE

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### 8PN10M

Connectors	Brass, Nickel Plate
Contact Pins	Beryllium Copper, Gold Plate
Insulators	PTFE
Housing	Aluminum, RoHS Chemical Conversion
Finish	Optional / Specify

### 1x8 C.W. Splitter (Passive)

REV	DESCRIPTION	ENG.	DATE
0	Engineering release.	ETW	1/24/2017
1	ECN 1106.	ETW	4/19/2017

Input power is rated for load VSWR of 1.20:1, max. Insertion loss includes theoretical 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.