



ELECTRICAL SPECIFICATIONS

Frequency Range	5 kHz - 18	GHz
Amplitude Balance	1.0	dB, max.
Phase Balance	± 5	degrees, max.
Isolation	11.5	dB, min.
Insertion Loss	15	dB, max.
Common Port VSWR	1.8	:1, max.
Split Port VSWR	1.8	:1, max.
Average Power as Splitter	0.1	Watts, max.
Average Power as Combiner	0.1	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	1.9 oz Nominal

WERBEL MICROWAVE

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4RS18

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

Resistive Splitter

REV	DESCRIPTION	ENG.	DATE
0	Engineering release.	ETW	1/24/2017

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.