



ELECTRICAL SPECIFICATIONS

Frequency Range	2.0 ~ 18.0 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

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

2PS0218

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	1/19/2017
1	ECN 1077.	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.